



Event Participants

April 25–29, 2013

U.S. Department of Energy
Office of Science

**NATIONAL
SCIENCE
BOWL®**



U.S. DEPARTMENT OF
ENERGY

Office of
Science

The **U.S. Department of Energy (DOE) Office of Science National Science Bowl®** is a nationwide academic competition that tests students' knowledge in all areas of science. High school and middle school students are quizzed in a fast paced question-and-answer format similar to that of TV quiz show *Jeopardy!* Competing teams from diverse backgrounds are composed of four or five students and a teacher who serves as an advisor and coach.

DOE launched its National Science Bowl competition in 1991 to encourage high school students to excel in science and math and to pursue careers in those fields. The National Science Bowl high school competition now involves more than 9,000 students. DOE introduced the National Science Bowl competition for middle school students in 2002. It now involves more than 5,000 students. The National Science Bowl is the only science competition in the United States sponsored by a Federal agency.

Regional elimination tournaments are held from January through March at DOE laboratories and facilities, other Federal agencies, educational institutions, and public utilities throughout the country. This year, 69 high school teams and 46 middle school teams from 49 states, the District of Columbia, and Puerto Rico have competed in regional competitions and have qualified to participate in the 2012 National Science Bowl in Washington, D.C.

A featured event at the national event for middle school students, the Electric Car Competition, invites students to design, build, and race model cars. This competition tests the creative engineering skills of many of the brightest math and science students in the nation as they gain hands-on experience in the automotive design process and with alternative-fuel technology.

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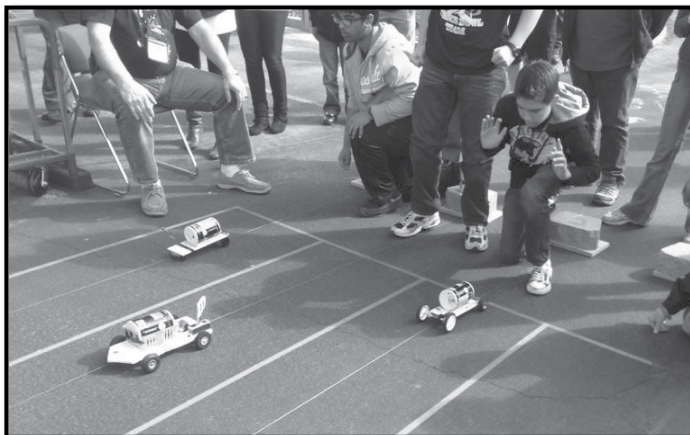
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2013 National Science Bowl®



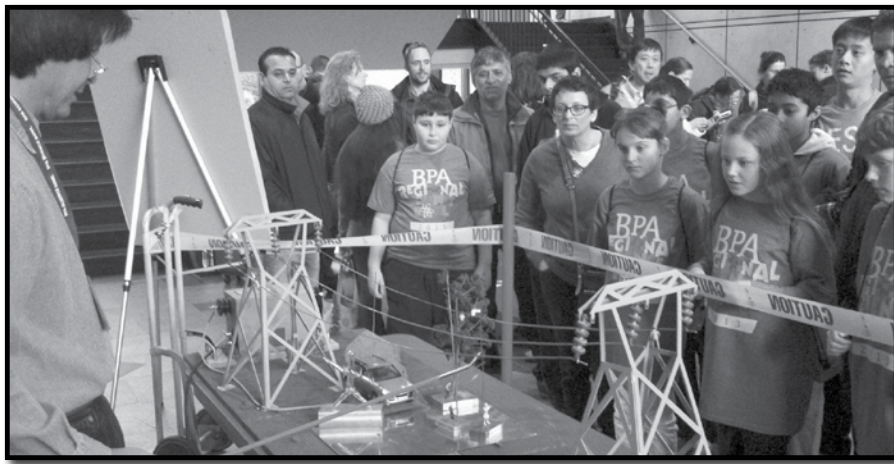
And, they're off! The first race at the 2013 Nevada Middle School Electric Car Competition. The 2013 cars must carry a cylindrical salt container (737 grams).

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BPA electrical trainer Lee Morgan uses a tabletop model of a transmission system to demonstrate some of the hazards of power lines for middle school students at the BPA Regional Science Bowl.

GUEST MASTER OF CEREMONY

David Zahren

David Zahren is currently the Senior Television Instructional Specialist with the Prince George's County, Maryland Public Schools' Office of Television Resources. Over the past 25 years, Mr. Zahren has written, produced, and hosted four award-winning science programs that have aired on cable television: "Give Science A Hand," a hands-on approach to science aimed at elementary school students; "Science Bowl," an interscholastic science game show; "Under the Microscope," a series of staff development programs for elementary teachers that also airs nationwide on PBS stations; and a new series, "Anatomy of a Lesson."



Mr. Zahren is a cum laude graduate with a B.S. degree from the University of Pittsburgh and an M.A. degree in school administration and human relations from George Washington University. In 1985, after a teaching career that had spanned 14 years, including 3 years as a Peace Corps volunteer in Nairobi, Kenya, Mr. Zahren was selected as Maryland's Teacher in Space candidate. He was one of 100 teachers chosen from the 40,000 applicants nationwide to vie for a flight aboard the space shuttle Challenger.

Mr. Zahren has received a number of awards, including the CINE Golden Eagle, for his work as a science teacher, a television host and producer, and a space educator. He continues to produce and host public television programs with the Office of Television and Web Resources in Prince George's County and is in his ninth season as moderator for "It's Academic," a high school quiz program that airs on WJZ-TV, the CBS affiliate in Baltimore. In addition, he has just celebrated his 22nd anniversary as a weather forecaster at WJLA-ABC 7/News Channel 8, the ABC affiliate in Washington, DC.

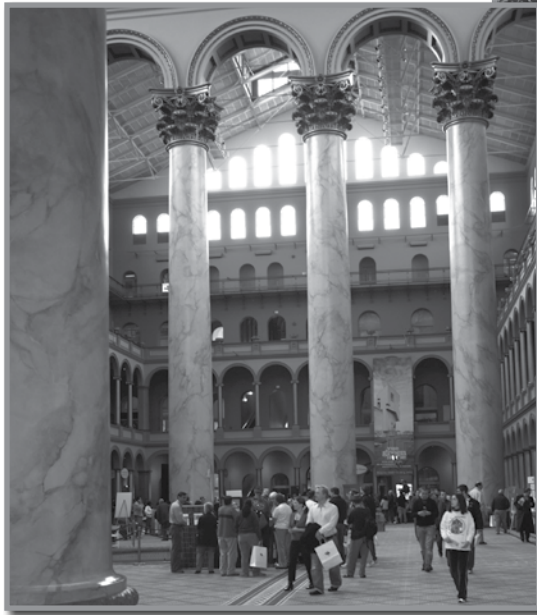
A Competition Like No Other...

National Building Museum

Venue for 2013
National Science Bowl®
Final Academic Rounds and
Award Ceremony

The National Building Museum was chartered by Congress in 1980 to celebrate achievements in the building arts. Since then, through hundreds of exhibitions, thousands of educational programs, and scores of publications, the Museum has inspired and enlightened the public about architecture, engineering, urban design and planning, real estate development, construction, and the many fascinating aspects of the built environment.

The National Building Museum focuses on informing audiences about the world we build for ourselves, on celebrating the past and present achievements in areas related to the building arts, and on encouraging excellence in these areas. The Museum provides a vital forum for topical issues, such as environmentally sustainable and affordable building practices, managing suburban growth, preserving landmarks and communities, revitalizing urban centers, and much more. By addressing such a wide and varied array of topics, the National Building Museum connects the vast and often complex web of issues related to the development of the built environment in the past, present, and future.



Pictured left: The Great Hall is 316 feet by 116 feet, and 159 feet tall (approximately 15 stories) at its highest point. The Corinthian columns are among the tallest in the world at 75 feet high, 8 feet in diameter, 25 feet in circumference, each built of 70,000 bricks. Pictured above: The exterior of the National Building Museum—designed in the 1880s by Montgomery C. Meigs—measures 400 feet by 200 feet, and 75 feet high to cornice level.

2013 NATIONAL SCIENCE BOWL® ALUMNI

Joe Antognini attended Mira Loma School and competed in the National Science Bowl in 2006. He received a Bachelor's Degree in astrophysics from Caltech in June 2010 and is currently studying astronomy at The Ohio State University.



Taylor Bybee attended Soda Springs High School (Idaho) and participated in the 2007 and 2008 National Science Bowl competitions. Taylor currently is pursuing a degree in Electrical Engineering at Utah State University. He currently works as an undergraduate lab teaching assistant and as an ambassador working to recruit students

to engineering. He volunteers with the USU Engineering Student Council. When not at school, Taylor enjoys hiking, mountain climbing, canoeing, gardening, hunting, horse riding, piano, and a variety of other activities. He actively participates in his church congregation (playing the organ) and has volunteered as a missionary. He enjoys the relaxing life in his rural hometown and is thankful for the hard work he did on his family farm. This is his first year as a NSB volunteer and is excited to be back!



Maggie Chu attended the National Science Bowl in 2009 with Bethlehem Central High School (Bethlehem, NY). By the time that this biography is being read, she will have earned a B.S. in biology and a minor in chemistry from Duke University. Maggie will be sad to leave her beloved job as a veterinary assistant at the Duke Lemur Center and

her lab where she works with dogs modeling glycogen storage disease; however, she does look forward to returning to upstate New York and matriculating in Cornell's College of Veterinary Medicine this upcoming fall.



Doug Fuller is a Computational Scientist at Department of Energy's Oak Ridge Leadership Computing Facility, researching and developing technologies for the world's most powerful computing systems. Prior to joining OLCF, Douglas served as manager of high-performance computing operations for Arizona State University. Doug competed for Ankeny

(Iowa) High School at the National Science Bowl.



David Bell graduated from Soda Springs High School (Idaho) and attended the National Science Bowl in 2007. Prior to beginning his college career he spent two years as a volunteer missionary for his church. He continues to serve in his local congregation and community. He now attends Brigham Young University in Provo, Utah, where he is studying

Physical Science Education, hoping to teach High School and inspire the same love of science into the students that he found for himself. Outside of his studies, David enjoys being out in the mountains camping and four wheeling, traveling and ballroom dancing.



Andrew Day participated as a competitor in the National Science Bowl in 2003, on behalf of Enterprise High School, of Redding, CA. Andrew received his B.S. in mechanical engineering with an emphasis in mechatronics from San Jose State University in 2008. He currently works for Northrop Grumman,

Electronic Systems, Marine Systems as a mechanical engineer in Sunnyvale, CA. NGES MS is a provider to the US Navy for marine propulsion and underwater/canisterized missile launch systems. He enjoys kayaking, downhill skiing, and Python programming. But most of all, he enjoys hanging out with his wife, Tessa.



Amanda Guise attended Centerville High School (Ohio) and participated in the National Science Bowl in 2002 and 2003. Amanda graduated from Cornell University in 2008 with a B.A. in biological sciences and German studies. Prior to starting graduate school, she had the opportunity to spend a year teaching in Germany through the

Fulbright program. Amanda is currently a 4th year Ph.D. student in the Department of Molecular Biology at Princeton University. Working in the lab of Dr. Ileana Cristea, Amanda's graduate research focuses on understanding the protein interactions and post-translational modifications of human histone deacetylases.

A Competition Like No Other...



Jenica Jacobi was on the Science Bowl team from Albuquerque Academy (New Mexico) in 1998. She earned a B.S. in biology and a B.A. in chemistry from the University of New Mexico in 2002. Jenica went on to complete her M.B.A., with a concentration in financial management, from the University of New Mexico Anderson Schools and her J.D. from the University of New Mexico School of Law, both in 2005. She is currently an Assistant City Attorney with the City of Albuquerque, working in telecommunications.



Reena Joubert competed in the 2007 National Science Bowl with the Westford Academy team. She studied Earth, Atmospheric and Planetary Sciences (EAPS) and Physics at MIT for 3 years, where she also ran a summer program called Junction for Massachusetts High School Students. Currently, she is on a one-year leave from school to do research in evolutionary microbiology in Woods Hole, MA. She's a huge Linux fan, and her favorite activities include mountain hiking, vegetarian cooking, and learning as much as she can about everything.



Representing Maui High School, Caine Jette competed at nationals in 2005. At MIT, he bounced between physics, oceanography, and finally computer science, and now works on Windows at Microsoft. He coaches club volleyball and teaches a post-AP project-based computer science class at a local Seattle high school. In his free time enjoys traveling, hot yoga, concerts, running, and competitive hip hop. This is his 7th year helping out at nationals and is excited to finally take his fashion to the next level.



Adam Matthews competed in the National Science Bowl with his team from Punahou High School, Honolulu, HI, in 1995 and 1997. He graduated from Harvard College with an A.B. in biochemical sciences in 2001. Adam went on to obtain his Ph.D. in immunology from Harvard University in 2007. He is currently a Damon Runyon Cancer Research Foundation post-doctoral research fellow at MIT. This is his 10th year as a volunteer at the National Science Bowl.

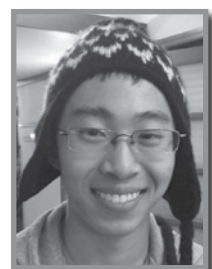
Jora Jacobi attended Albuquerque Academy (New Mexico) and competed in National Science Bowl in 1998 and 1999. She graduated from Caltech with a B.S. in electrical engineering in 2003. She spent the next six years coding embedded software for capacitive touch sensors. She is currently working at Silver Spring Networks in California developing technology for the smart grid.



Dean Jens competed in the Science Bowl for Ankeny High School (Iowa) from 1991 to 1993; the team came to nationals in 1992 and finished second there in 1993. Dean majored in math at the University of Chicago, graduating in 1996, and attended graduate school in physics at Princeton, leaving with a Master's degree in 1999. He worked as a computer programmer in Chicago for six years before moving to New York to work in finance pricing counterparty credit risk on derivatives. In 2010, he received a Master's degree in economics from Fordham University, and he is now in the Ph.D. program in economics at Rutgers University. This is his 14th year as a volunteer at National Science Bowl.

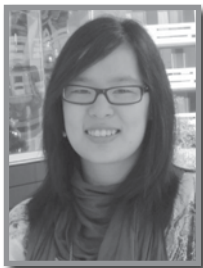


Rishi Kulkarni is a class of 2013 biochemistry and molecular biology student at Boston University and will be pursuing his PhD in Chemistry at UC Berkeley starting in the fall. He competed in the 2008 and 2009 NSBs with Mira Loma High School (California). He is currently working as a research assistant with the Elliot Group, supported by the Arnold and Mabel Beckman Foundation, investigating novel iron-sulfur domains in the mitoNEET family of proteins. Outside of schoolwork, he enjoys fiction, guitar, and most of all, Science Bowl. He first started volunteering at the National Science Bowl in 2010 and is eager to be returning for another year.



Stephen Rong attended Blue Valley West High School (Kansas) and competed in National Science Bowl in 2008 and 2010. He is currently pursuing a B.A. in Math and Anthropology at Washington University in St. Louis.

2013 NATIONAL SCIENCE BOWL® ALUMNI



Angela She competed in the National Science Bowl in 2008 on the North Hollywood High School team. She graduated from Yale University in 2012 with a degree in Chemistry and is currently attending graduate school in Chemical Biology at Harvard. She is interested in using small molecules to probe molecular pathways, enjoys watching movies and amateur ukulele-ing, and is excited to be returning to NSB this spring.



Umang Shukla competed at the 2007 National Science Bowl with Farragut High School from Knoxville, Tennessee. He then attended Harvard University, where he graduated with a degree in Physics. While at Harvard, Umang conducted research on Type Ia supernova at the Harvard-Smithsonian Center for Astrophysics and won a Bok Center Teaching Award for an interdisciplinary introductory science course. He is currently a Business Consultant with Applied Predictive Technologies in Arlington, Virginia.



Jeremiah Way participated in the 1998 National Science Bowl with Fort Collins High School in Colorado. He then attended Colorado State University, receiving a B.S. and M.S. in chemical engineering in 2001 and 2003, respectively. He currently works at Hach Company as a New Product Development Manager focusing on developing the latest Water Analytic Technology including ship ballast water treatment, Ion Selective Field Affect Transistors for pH applications and other industrial and municipal products. He previously worked for 5 years as photo-lithography engineer for Intel Corporation. In his spare time he enjoys playing with and teaching his 2.5 year-old daughter, being a Youth Pastor, playing Ultimate Frisbee and volunteering at Science Bowl events!



Raymond Waniska attended A&M Consolidated High School and participated in the 2002 National Science Bowl. He completed his B.S. in physics at Texas A&M University in 2007 and is applying to a radiology technician program in Austin.



Randy Xun attended Pullman High School in Pullman, WA, and participated in the 2007 and 2008 National Science Bowl. He went on to earn a B.S. in both neurobiology and biochemistry at the University of Washington in 2011. Randy currently lives right here in DC, and researches schizophrenia through a dual appointment as a research associate at the Lieber Institute of Brain Research and a postbaccalaureate IRTA with the National Institute of Mental Health at the NIH.



Matthew Zellman attended Johansen High School in Modesto, CA, and made it to the National Science Bowl in 2001 and 2002. He finished his B.S. in cognitive science at UC Merced, and is now pursuing a Ph.D. at UC Merced. He is currently researching linguistics and animal intelligence to determine whether animal communications display statistical characteristics comparable to human languages.

These alumni will serve as competition officials and mentors to the teams at the 2013 event.

2013 NATIONAL SCIENCE BOWL®

Competing Middle Schools

Alabama - Meridianville Middle School
Alaska - Teeland Middle School
Arizona - BASIS Scottsdale
Arkansas - LISA Academy
California - Eagle Rock Junior High School
California - Edison Computech 7-8
California - Hopkins Junior High School
California - The Harker School
Connecticut - Friendly Isotopes Science Club
Florida - Falcon Cove Middle School
Georgia - Wesleyan School
Idaho - Treasure Valley Math and Science Center
Illinois - Edward Hurley Elementary School
Illinois - Roosevelt Middle School
Indiana - Creekside Middle School
Iowa - Central Lee Middle School
Kentucky - Calloway County Middle School
Maryland - Takoma Park Middle School
Massachusetts - Jonas Clarke Middle School
Minnesota - Mahtomedi Middle School
Mississippi - Oxford Middle School
Missouri - Robert H. Sperreng Middle School
Montana - Will James Middle School
Nebraska - Alice Buffett Magnet Middle School
Nevada - Hyde Park Middle School
New Jersey - Bridgewater-Raritan Middle School
New Mexico - Albuquerque Academy
New York - Allendale Columbia School
New York - Bethlehem Central Middle School
New York - Great Neck South Middle School
New York - Nathaniel Rochester Community School
Oklahoma - Monte Cassino Middle School
Oklahoma - Norman Public Schools Science Club
Pennsylvania - Ingomar Middle School
Puerto Rico - Colegio Catolico Notre Dame
South Carolina - Haut Gap Middle School
Tennessee - Blount Home Education Association
Texas - Canyon Vista Middle School
Texas - Dumas Junior High School
Texas - Hector Garcia Middle School
Texas - Marvin P. Baker Middle School
Virginia - Nysmith School
Washington - Olde Middle School - Team Atom
Washington - Seattle Science Infinity Club
Washington, DC - BASIS DC
West Virginia - Suncrest Middle School

2013 National Science Bowl®



The 2012 National Science Bowl middle school teams at the National 4-H Conference Center in Chevy Chase, Maryland. Congratulations to the champion, Hopkins Junior High School from Fremont, California.

Albuquerque Academy

Albuquerque, New Mexico
New Mexico Middle School Science Bowl, Sandia National Laboratories

Team Members: Coach
Barbara Gilbert, Harrison
Bay, Henry Luo, Eric
Swiler, Mark Swiler, Thor
Larson



Coach Barbara Gilbert is in her sixth year teaching physics at Albuquerque Academy. Barbara came from the college setting where she taught physics for seven years. She has a M.S. of Optical Science and Engineering from UNM. Barbara was drawn to teach because of her love for the academic environment. Barbara's non-academic interests include yoga, meditation, city chickens, animal rescue, rain water harvesting, solar energy, and all forms of sustainability. She wishes best of luck to all participants, and a big thank you to all of the volunteers and sponsors!

Thor Larson is currently an eighth grader whose interests include captaining the AA Science Bowl team, swimming, running, and competing in numerous math competitions. He made both the JV Swim and JV Track teams this year, which he finds quite acceptable. When not doing his extra-curricular activities, he either does homework or sleeps. He aspires to become an engineer, but he's still not quite sure what type of engineer he

should be.

Harrison Bay is a seventh grader. His interests in school are English, science, and math. He also played on the Albuquerque Academy basketball team, and plays piano a lot. He has won many awards in piano, including going to Carnegie Hall the second time in his life this year through the Golden Key competition. Harrison also does cross country for Albuquerque Academy. Finally, he is an avid investor in the stock market. He does not know what he will be yet, but he plans to either be a hedge fund manager or doctor.

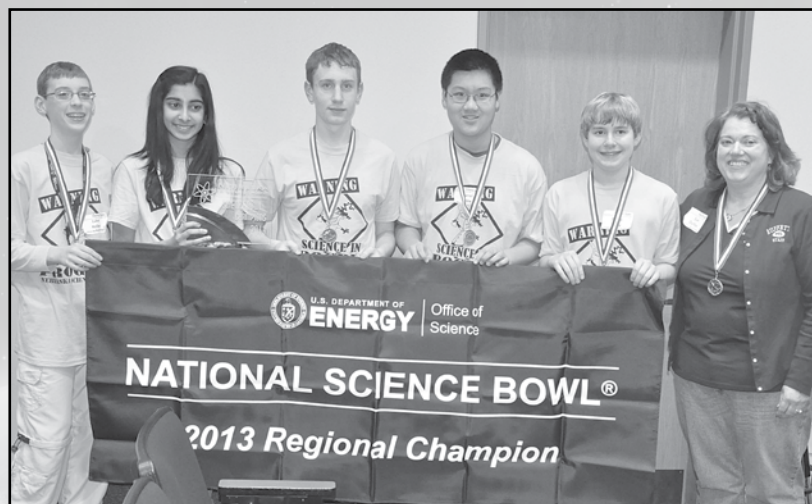
Eric Swiler is a sixth grader who is engaged in the physical activities of soccer and running, and in the intellectual activities of MATHCOUNTS and Science Bowl. He is an avid reader. He has been exceptionally interested in chemistry since the second grade, and has always been fascinated by mathematics. During the week, he does homework; on the weekends, he plays too many video games and hangs out with his friends. He plays the complicated card

game "Magic the Gathering," and loves to build structures out of different media. He aspires to be a renowned scientist in the future, but doesn't know what his field will be.

Henry Luo is a seventh grader. He plays piano for an hour each day and enters in some competitions. He plays basketball as a sport, and also plays badminton. He works on math for some mathematics competitions. Typically his day is full of activities, and he has around an hour of other things, such as reading or sleeping. When he grows up he would like to be a doctor. What type of doctor he is not sure of yet.

Mark Swiler is a class officer in the eighth grade. He loves to play soccer, and he also runs track, plays strategy games, and hangs out with friends at the school library. He likes mountain biking in the nearby Sandia Mountains. During the weekend, he plays and referees soccer. He studies Portuguese and one day hopes to be an ambassador.

Alice Buffett Magnet Middle School Omaha, Nebraska Nebraska Middle School Science Bowl, Wayne State College



Left to right: Luke Keller, Priya Kukreja, Maxim Oleynikov, Darrel Chew, Bryce May, Coach Sue Durfee

Coach Sue Durfee is in her 33rd and final year of teaching science (as she retires at the end of this school year). She earned a B.A. in Biology/Secondary Education from Simpson College in 1980 and a M.A. in Curriculum and Instruction from Drake University in 1992. She received the Peter Kiewit Award for instruction in 2002 and the Alice Buffett Award in 2003. In addition to her science teaching responsibilities, she has sponsored winning quiz bowl and Science Bowl teams for the past six years. Sue lives in her hometown of Council Bluffs, Iowa with her husband, Doug. Their family consists of two golden retrievers, three cats, and a cockatiel. Her passions include flower and vegetable gardening, bird watching, bike riding, walking, golfing, jazzercise, antiques, traveling, and collecting.

Luke Keller is an eighth grader. Along with Science Bowl, he participates in Quiz Bowl, MATHCOUNTS, Jazz Band, Spelling Bee, and two extracurricular choirs. He plays trumpet and also knows French horn. He is also on his school's newspaper team. He enjoys almost all academic subjects. Astrophysics is his

dream career, and he also is interested in computers and chemistry. Luke enjoys reading, playing computer games, and listening to music from the 80's. He also enjoys mental challenges and puzzle games. His favorite flavor of ice cream is orange dream.

Priya Kukreja is an eighth grader. She is involved in multiple activities at her school from Art Club to MATHCOUNTS to Singing Choir. She enjoys playing basketball, soccer, and tennis. Priya enjoys working to help others. Her curiosity has lately been ignited by learning about cancer. In high school, she plans to organize multiple fundraisers in which the money goes towards cancer research. Priya also plans to go to Medical College and learn about how cancer can be treated. One day, she hopes to grow up and help cure cancer. If she can't, she would like to help people with cancer and become an Oncologist. She hopes that someday she can make a difference in the world.

Maxim Oleynikov is currently an eighth grade student. His favorite subjects are Math and Science. He plans on pursuing a career in Medicine and would like to study pre-med at Harvard

University. Maxim plays football, swimming, and excels in the discus on his track and field team. He enjoys travel, especially to visit family in New York and California.

Darrel Chew is an eighth grader. While his favorite subject is math, he isn't good at it, and kicks at himself for missing diaphanous in a spelling bee. He can write decently, his vocabulary as big as a yoctometer, and can run a mile in 4 minutes if you add an hour to it (that must be good for something). Other than that, he doesn't know the digits of pi, can't write a novel, and doesn't know what he does half of the time.

Bryce May is in the eighth grade. His favorite subjects are math and science. He is in Buffett's National Junior Honor Society, Jazz Band, Quiz Bowl team, and Science Bowl team. This is his second year competing in Nationals. Bryce enjoys outdoor activities such as camping, kayaking, swimming, and biking. In addition, he likes solving augmented matrices. Bryce wishes to be a civil engineer when he grows up, but doesn't know where he's going to go for college. He is creative and willing to explore new places and ideas.

Allendale Columbia School Rochester, New York Western New York Middle School Science Bowl

Left to right: Coach Tina Duver, Nathan Morse, Thomas Cylke, Jason Coupal, Danielle Fuller, Anjana Seshadri



Coach Tina Duver is the sixth and eighth grade science teacher at Allendale Columbia School in Rochester, New York. She is also Dean of Students of the Middle School and coaches not only the Science Bowl Team, but also the First Lego League Team there as well. Over her career she has been a soccer coach, basketball coach, and also Athletic Director. She attended the University of New York at Buffalo where she earned her B.S. in Environmental Science. Tina has been teaching for 18 years, and when not teaching, she enjoys spending time with her husband and two boys at home. Tina's hobbies include following the Boston Red Sox, genealogy, exercise and fitness, and enjoying the great outdoors. After coaching the Science Bowl team for 7 years, this is the team's first regional win and trip to Nationals.

Thomas Cylke is a seventh grader at Allendale Columbia, in Rochester, NY. He enjoys math, science, reading, and board games. He is part of the Middle School Science

Bowl and MATHCOUNTS Teams. He has started learning computer programming, and enjoys doing that during his spare time. This summer, he built his first computer, which runs Ubuntu Linux. He hopes to go to either RIT or MIT, and currently has no ideas for life after that.

Nate Morse is an eighth grader at Allendale Columbia School in Rochester, NY. This is his third year participating in Science Bowl competition, and he is also Team Captain. He enjoys playing golf and learning trivia from all subjects. He enjoys the challenge of geometry and physics. He likes tinkering with computers, and is interested in doing something in the field of optics in the future.

Danielle Fuller is in the seventh grade at Allendale Columbia School. She enjoys trying to computer animate, playing with her dog and playing soccer. Danielle also swims but doesn't always enjoy it. Her favorite subjects in school are band and lunch, but she also enjoys math and science

as well. She is currently unsure of what college she wants to go to. Hopefully she will be able to continue playing soccer and animating in college. An interesting fact about Danielle is that she is 12-years-old, she likes to read and really likes going to the movies.

JT Coupal is a seventh grader at Allendale Columbia. He avidly races karts around the Eastern U.S. at speeds in excess of 95 MPH. He is a volunteer at the International Motor Racing Research Center in Watkins Glen, NY. His favorite subject is science (go figure), and he plans to pursue a career in automotive racing or design. He also writes a daily automotive news blog.

Anjana Seshadri is a seventh grader at Allendale Columbia School in Rochester, NY. She enjoys reading, skiing, biking, and drawing. She also enjoys the outdoors and in the summer she likes running, playing outside and climbing trees. Her favorite subjects in school are math and science. When she grows up, she wants to be a chemist.

BASIS DC

Washington, DC

Washington, DC Middle School Regional Science Bowl



Team members: Coach
Kristy Sundberg, William
Ellsworth, James Stewart,
Chase Rensberger,
Vincent Premysler, Elle
James

Coach Kristy Sundberg teaches fifth grade introduction to science and eighth grade biology. The previous 3 years she has taught anatomy and physiology to high school students. This is her first year coaching a middle school Science Bowl team and she is very excited to be taking part in the National Science Bowl competition with her students. Before becoming a teacher, Dr. Sundberg completed her undergraduate degree in biology at Cornell University and her Ph.D. in neuroscience at the University of California San Diego. Her research at UCSD, The Salk Institute, and Yale University has contributed to our understanding of how visual information is processed by the brain and how paying attention to things changes this visual processing. In her spare time she enjoys hiking, gardening, reading and playing with her dog Scout.

Chase Rensberger is a sixth grade student. His favorite subjects are physics, biology, chemistry and astronomy. Chase hopes to study robotic engineering when he goes to college. In his free time, Chase enjoys playing chess and in 2012 was named the Scholastic

Chess Champion for Washington, DC and Northern Virginia. Chase also likes soccer and has been playing since he was three years old. Chase's favorite foods are tacos and meat loaf, despite being a vegetarian for the first three years of his life. Chase enjoys spending summer vacations in Canada where his grandparents and cousins still reside.

William Ellsworth is a sixth grade student. He frequently travels and has compiled a collection of snow globes from the places he has visited. In his free time, he enjoys creative writing and programming. His favorite subjects are math and biology, and he partakes in many extracurricular activities such as debate team and French club. He hopes to become a neurologist when he grows up, but right now he is more focused on getting good grades.

Vincent Premysler is in the sixth grade. In school, Vincent enjoys science, history and math. During his time outside of school, Vincent is interested in business and technology. He hopes to lead a Fortune 500 company some day. Vincent follows the stock market, particularly in the IT sector, and keeps

up with the latest technologies offered by, and the mergers and acquisitions of, all of the major players. Vincent also enjoys long walks through his neighborhood, a British TV show called Red Dwarf, and vacations at the beach.

James Stewart is a sixth grader and is a member of the science club. His favorite subject in school is chemistry. James recently received a "90's club" award at school which is an honor granted to students whose grade average is in the 90's for a particular grading period. James has been playing baseball for several years, and is currently playing with the Senators, a Capitol Hill little league team. An interesting fact about James is that he had his tonsils removed at the age of 5.

Elle James is an eighth grader at BASIS DC. When not in class Elle enjoys reading, tutoring, and drawing. She participates in Science Bowl and student leadership after school. Her favorite subjects are chemistry, English, and economics. She wants to be a child psychologist when she grows up and is not quite sure which college she wants to attend yet.

BASIS Scottsdale

Scottsdale, Arizona

Arizona Middle School Regional Science Bowl, Arizona Technology Council Foundation

Team members: Coach Romero, Yash Pershad, Nathan Johns, Vishesh Gupta, Saaketh Narayan, Grady Day



Coach Romero teaches math and physics at BASIS Scottsdale. He has been teaching at BASIS for two years and has been the middle school team coach during that time. He is extremely proud to have taught each member of his team and can't wait to see how they'll do in DC.

An eighth grader, Yash Pershad has played chess competitively for seven years, placing top five in multiple national chess championships, and is currently ranked second in AZ for eighth graders with a USCF rating above 2000. Additionally, Yash won first place in the engineering division at the Arizona Science Fair last year. Yash loves playing and watching sports (especially the NFL), telling jokes, and making phosphorus uranonitrides (puns) to make people laugh. This is Yash's first year at National Science Bowl.

An eighth grader, Grady Day is attending the National Science Bowl for the third time. He spends most of his time trying to manage the large workload he is responsible for at BASIS

and practicing the piano, drums, and guitar. His favorite pastime is studying for and playing Science Bowl, which occupies a large portion of his time. In the few moments left over, he occasionally indulges in a quick video game or two. Grady's favorite subject is biology, and he plans to be either a biologist or doctor.

Nathan Johns is an eighth grader and enjoys playing basketball, doing math and playing video games. He has been involved with MATHCOUNTS and has recently won first place at his local chapter competition. He is very interested in biology, physics and mathematics. He has volunteered with the Boys Team Charity. He has been involved in Science Bowl for three years and has always wanted to make it to the National Science Bowl Competition in DC.

Vishesh Gupta is a seventh grader and loves to study molecular biology and atomic chemistry. He aspires to become a biochemist and learn more about the emerging fields of genes and proteins. He also plays sports

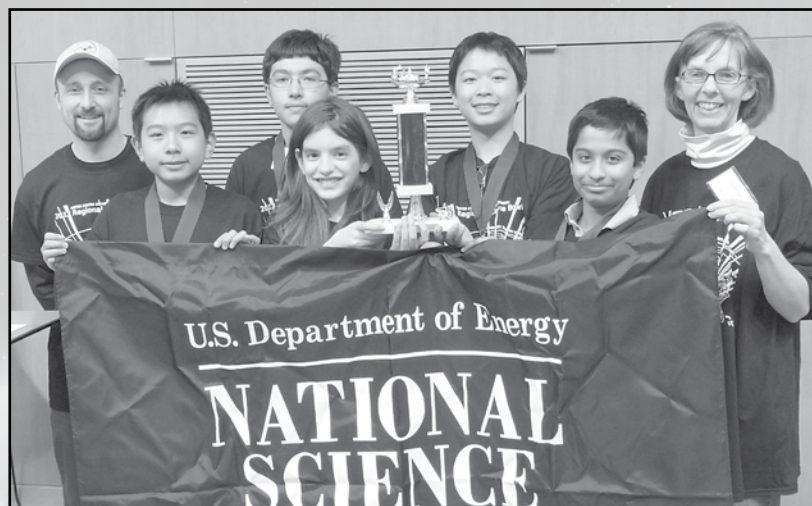
like tennis, basketball, and football. Vishesh plays many instruments like the guitar, piano and the clarinet. He has been competing in Science Bowl for the past three years and believes it will help him achieve his aspiration of becoming a biochemist.

Saaketh Narayan is a sixth grader who plays basketball and tennis, and did a little bit of programming with the coding language lua. He likes geography and space, and his team went to the finals in the Aerospace Challenge. He qualified for the National History Bee finals in Atlanta, Georgia. He is interested in nanotechnology and microbiology, and his science fair team is going to the Arizona Science and Engineering Fair in cellular and molecular biology. He also is very passionate about Science Bowl. He wants to go to either the University of Pennsylvania or the University of Chicago to do a dual degree in finance and biotechnology. All in all, Saaketh Narayan is a great student and has a very interesting life.

Bethlehem Central Middle School

Delmar, New York

New York State Capital District Regional, GE / Knolls Atomic Power



Left to right: Coach Todd Tyler, Wen Yuan, Eliot Shekhtman, Denali Relles, Bowen Chen, Shamanth Murundi, Coach Lisa Wood

Coach Lisa Wood is currently teaching seventh grade life science. As well as coaching for Science Bowl, Lisa helps with garden club, works on several building committees, and spearheads several school spirit activities. Lisa likes to explore the outdoors, ride bikes, and read. She loves spending time outside of school with her husband, son, daughter, and two dogs!

Coach Todd Tyler has been teaching at the Bethlehem Central Middle School since 1993. Over these twenty years, he has greatly enjoyed teaching math and science to 8th grade students. Todd enjoys spending time with his family. He tries to find time on the links golfing on his small par 3 golf course or boating and camping during the summer days.

Bowen Chen is currently in eighth grade. His hobbies include math and reading. Bowen Chen currently excels in tennis, badminton, and ping-pong. He also is participating in Junior Team Tennis at the 18b level. Bowen is currently a NYSSMA level six in both

string bass and acoustic guitar. He participates in his school's jazz band, Science Academic Bowl Club, and JV tennis team. He also attends Chinese School every Sunday to further increase his knowledge in the language, and attends Albany Area Math Circle. Bowen hopes to attend Yale University or Columbia University. He hopes to be a doctor when he is older.

Denali Relles is in seventh grade. He is in the school orchestra, as well as an after-school choral group. He participated in the regional spelling bee. Denali likes to read and is good at math. He has a purple belt in Tae Kwan Do and is in the local club. He can ride a unicycle over short distances and participates in the local cross-country running group. Denali plans to be some sort of chemist, physicist, or computer programmer.

Eliot Seo Shekhtman is in the seventh grade. He likes to make simple computer programs in Python, solve physics problems, and read science fiction books. He also likes to play the piano. He participated in

the Tchaikovsky piano competition, where he received recognition for his excellent performance by being invited to the winner's concert. He plans to be a physicist.

Wenyuan Hou is an eighth grade student. Besides Science Bowl, Wenyuan participates in the Albany Area Math Circle, and plays the violin in the Empire State Youth Orchestras. During his free time, Wenyuan likes to read and play ping-pong. He would like to major in engineering and pursue chemical engineering as his career.

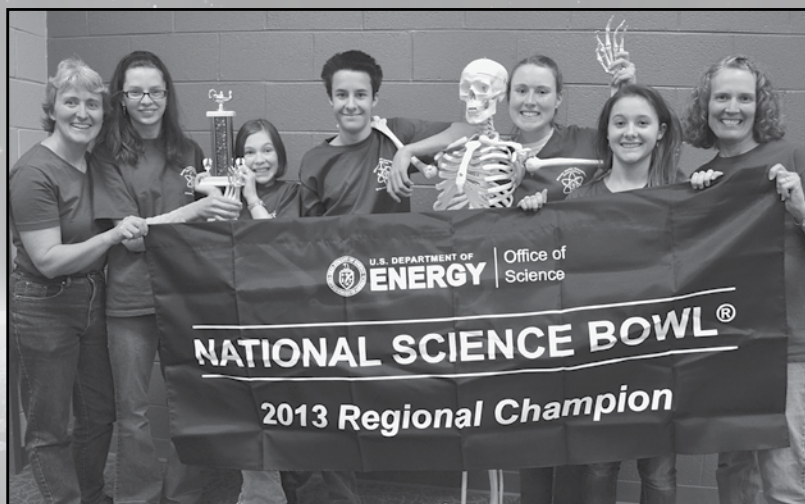
Shamanth Murundi is in the 8th grade. He has participated in Science Bowl all through middle school and is hoping to go to the regional Science Bowl in high school. He has earned a first degree black belt in Tae Kwon Do, and also plays in competitive chess tournaments around NY state. He likes to solve Rubik's Cube. He also plays tennis, Ping-Pong, and badminton. He hopes to go to MIT, RPI, Johns Hopkins, Yale, or Princeton. Shammy wants to be a doctor.

Blount Home Education Association

Maryville, Tennessee

East Tennessee Science Bowl, AMSE

Left to right: Coach Dee
Dee Turaski, Blair Hargis,
Hannah Metcalf, Kevin
Riley, Lily Turaski, Colleen
Riley, Coach Karen Metcalf



Coach Karen Metcalf is a homemaker with five children, ages eight to nineteen, and has been home schooling for fifteen years. She is active in her church and also enjoys reading, baking, English country dancing, playing Scrabble, and spending time with family and friends – especially her husband, Greg Metcalf. “But if any of you lacks wisdom, let him ask of God, who gives to all generously and without reproach, and it will be given to him.” James 1:5 NASB

Coach DeeDee Turaski has always enjoyed spending time in God’s great creation. She earned an M.S. studying lizard genetics; she served in the Peace Corps in Africa; and she met her husband while living on an island studying the nesting habits of migratory songbirds. Currently, she is a homeschool mom who enjoys coaching science and math teams, and leading the Homespun Kids 4-H Club.

Eighth grader Lily Turaski loves to ride horses, competing in Hidalgo-style endurance races of up to 50 miles. She earned National Reserve Champion in her racing division for the last two years. She is the president of her 4-H club

and enjoys training her pet chickens to perform tricks such as riding on a remote-control jeep. She won her local spelling bee with the word “snivel,” and she is currently writing a comic book. She participated in MATHCOUNTS and became a certified FrogWatch USA volunteer this year. She tries to let her light shine before others.

Blair Hargis is a seventh grader. Blair’s favorite school subjects are reading and science. In 2011 her science fair project won first place at the Smoky Mountain Home Education Association science fair. In 2012 Blair placed third with her project on gravitropism. Blair enjoys athletic activities. She is a member of a swim team where she enjoys competing in the breast stroke. Blair plays in a softball league, plays piano, rides horses, raises chickens, and loves animals of many kinds.

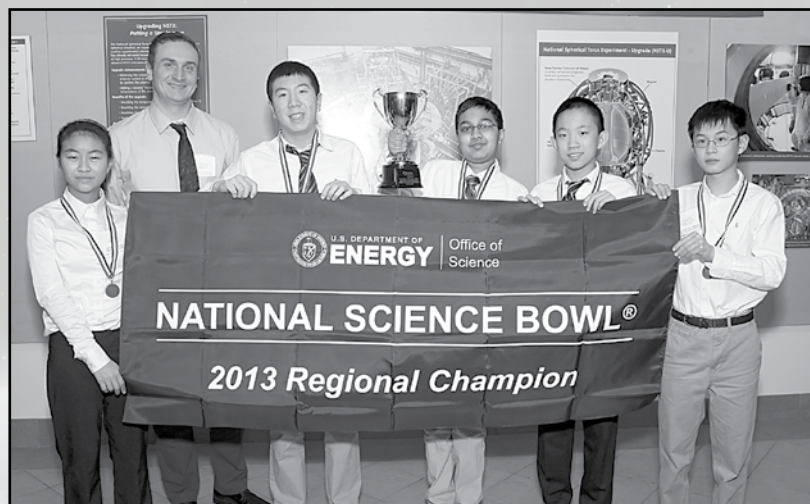
Hannah Metcalf is a sixth grade student who loves math, science, sculpting with clay, playing piano, and enjoying her four siblings. She is actively involved in her church, participating in Bible Quizzing, Kingdom Kids, Home Fellowship Group, Sunday school, and volunteering in the nursery. She hopes

to study to be a doctor so that she can be a blessing to others by healing their bodies while she tells them about Jesus, who can heal their souls. “For God so loved the world that he gave his one and only Son, that whoever believes in him shall not perish but have eternal life.” John 3:16 NIV

Colleen Riley, an eighth grade student, is a member of American Heritage Girls Troop TN 131 and the Blount Area Swim Team. Colleen participates in cross-country and the middle school swim team. Colleen’s interests include hiking, swimming, science, gardening, oil painting, piano, foraging for wild edible foods, reading in the tree in her back yard, her pet chickens, and practicing with her compound bow.

Kevin Riley, an eighth grade student, is a member of Boy Scout Troop 442 and the Blount Area Swim Team. He participates in cross-country, swim team, and served as a den chief for Troop 442 Tiger Cubs. Kevin’s interests include history, hiking, sports, acting, video games, water polo, and target practice with his grandfather. He is interested in a career in athletic training.

Bridgewater-Raritan Middle School **Bridgewater, New Jersey** **New Jersey Science Bowl, Princeton Plasma Physics Laboratory**



Left to right: Irene Qiao,
Coach Rob Ambrose, Jerry
Kong, Akash Kumar, Brian
Wei, Patrick Wu

For the past twelve years, Coach Rob Ambrose has taught 8th grade Earth Science at the Bridgewater-Raritan Middle School. He attended Rutgers University in New Jersey for both his undergraduate and graduate degrees. In addition to teaching, Mr. Ambrose also acts as his school's Science Coordinator and coaches the Cross Country and Track and Field teams. In his spare time, Mr. Ambrose enjoys running, practicing yoga, playing the electric guitar, and working on his town's Historic Advisory Committee. For the past six years, Mr. Ambrose has been happily married to his wife who also happens to work at the same school and teaches art to several students on the Science Bowl team!

During his free time, seventh grader Jerry Kong enjoys doing things like playing basketball or playing video games. Jerry plays the clarinet and piano and is an active member of his school's band. Other than participating in the Science Bowl, Jerry has also participated in

Odyssey of the Mind. In addition, he is a member of his school's academic team. Jerry also plays the clarinet in his school's Wind Ensemble. In school, Jerry particularly enjoys science and social studies. In the future, Jerry hopes to attend Columbia University and possibly pursue a career as a medical professional. One interesting fact about Jerry is that he has lived on both coasts of the United States. He was born in New Jersey, moved to Washington state, and returned to New Jersey, where he resides now.

Akash Kumar is an eighth grader and is a member of the math/science club and academic team at his school. He competes in various competitions and has won several state and national awards in the field of robotics, math and science. His interests include programming robots and playing the alto and baritone saxophone at his school's Wind Ensemble and Jazz Band. This year Akash will be representing his state, New Jersey at the national MATHCOUNTS competition. In the future, he wants to pursue his career

in the field of medical engineering or medical physics.

Irene Qiao is currently a seventh grader and plays the violin and piano. Irene loves to read books (especially science fiction and realistic fiction), write book reviews, doodle, or listen to music. She participates in the school orchestra and chorus. Irene hopes that she can go to Yale University. As for her career, she wants to be either a doctor or a writer.

Brian Wei is an eighth grader whose hobbies include math and playing golf. He is involved in MATHCOUNTS and many other math contests such as AIME. His favorite subjects are Math and Science. An interesting fact about him is that he plays the piano well.

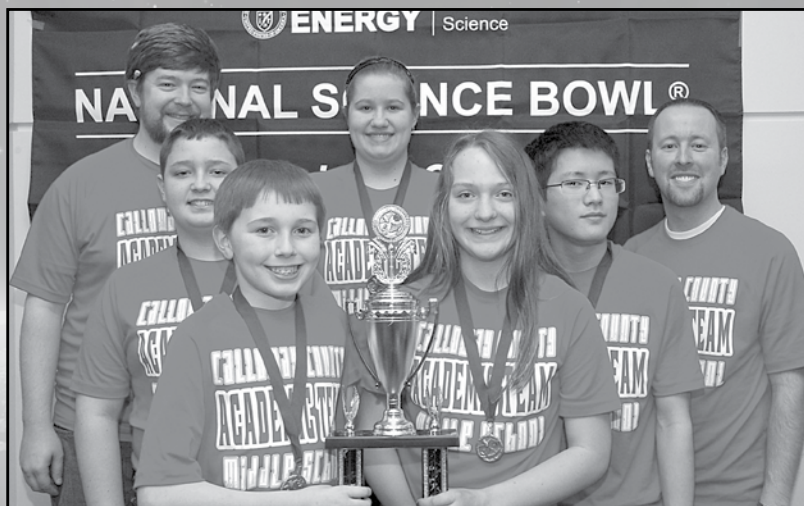
Patrick Wu, grade 8, plays the piano and occasionally enjoys a game of chess. His favorite subjects are Science and Social Studies because they provide a method to explore the ins and outs of the world. Patrick plans to go to college but is unsure of what subject he will major in.

Calloway County Middle School

Murray, Kentucky

Western Kentucky Science Bowl, Portsmouth/Paducah Project Office

Left to right: (front)
Marshall Thompson,
Joza Mikulcik; (middle)
Chauncy Roberts, Michael
Okuda, (back) Coach Mitch
Hultman, Claire Umstead,
Coach Scott Pile



Coach Scott Pile is a seventh grade science teacher with B.S. and M.A. degrees from Murray State University. In addition, he has a Rank One degree from the EPSB of Kentucky. He has been teaching at Calloway for eleven years, where he has been involved in numerous activities and clubs. His academic team has been very successful with several district and regional championships along with several state finalists. This is his third trip to the National Science Bowl with his Laker science team. Scott lives in Almo, Kentucky with his wife and son. Scott also enjoys sports, hunting, and fishing.

Chauncy Roberts is an eighth grade student. He has been on the school's academic team for the last three years. In addition, he participated in FBLA, Beta Club, and Lakers for Christ. Chance was also a regional qualifier for the National History Bee. Some of his main hobbies are playing Call of Duty, playing basketball, hanging out with his friends, and also spending time with his family. This is

his first year on the Science Bowl team.

Michael Okuda is a seventh grade student who loves to play the piano. Michael hopes to attend Brigham Young University to become a piano teacher and mathematician. Michael studies the Japanese language of Kanji as well as the Scriptures. Michael has one brother and one sister who share a great relationship with him. Although shy, Michael loves to feast upon wisdom and respects others. Michael's highest priorities are education, his family, and the Gospel.

Marshall Thompson is a seventh grade student. Among his academic accomplishments is Marshall's fourth place finish at district Governor's Cup this past winter. Marshall is also a member of the basketball and cross country teams. He enjoys playing basketball and baseball. He takes photos of nature and wildlife anytime possible.

This is eighth grader Claire Umstead's second year at the National Science Bowl. Claire enjoys science, although her favorite subject in school

is Language Arts. Claire is a member of her school's varsity academic team, Future Problem Solving, Language Arts, and the National History Bee. She participates on the district's high school swim team. Claire loves to read, listen to music, and write poetry and short stories. Claire has been recognized for her writings, specifically poetry, and she hopes to continue entering writing contests. Claire hopes to go to a university in a large city. Claire volunteers for the Red Cross by assisting in swim lessons.

Joza Mikulcik is a sixth grade student who likes science, sports, and various forms of arts and humanities, such as music and art. Joza can play the flute and piano and likes to sing. Joza plays for the school soccer team and is an active member of the St. Henry's Catholic Church. Other hobbies include bird watching, taking care of animals, looking for an assortment of animals, studying plants, and learning about the way things grow.

Canyon Vista Middle School

Austin, Texas
Texas A&M Junior Science Bowl



Left to right: Coach Jennifer Arcaya, Rishi Kejriwal, Shubhanga Ballal, Surya Gangavarapu, Saket Myneni, Aditya Tewari, Principal Barbara Paris

Coach Jennifer Arcaya is a seventh grade science teacher at Canyon Vista Middle School in Austin, Texas. She graduated from Texas A&M University with a B.S. in Psychology. She enjoys teaching, coaching the competitive science teams and sponsoring the science club. In her spare time, she is a girl scout leader, loves being outdoors and spending time with her family.

Shubhanga Ballal is a seventh grader whose favorite subjects in school are engineering and science. Some colleges that Shubhanga would like to attend are Caltech, UC Berkeley, Stanford and MIT. He would also like to major in Aerospace engineering, Astrophysics and Robotics/Electronics engineering. An avid reader of Science journals, Shubhanga is involved in the school science club, UIL, and MATHCOUNTS. Outside of school, he is in swim team. Every year, Shubhanga participates in the Austin Science fair, TAME competition and Science Bowl. Shubhanga participates in his school band, in which he plays trumpet. Shubhanga has been learning

Indian Carnatic music for 5 years. He performs in local competitions and events.

Aditya Tewari is in the eighth grade. He enjoys doing a variety of things. Among these is math, which he takes Pre-AP Pre-calculus in the eighth grade. Another thing he likes to do is learn about the formation of the universe and about the monsters in the sky. He loves mythology and is very interested in science. As far as achievements he has become an Eagle Scout at age thirteen. He is really looking forward to representing Canyon Vista Middle School at Nationals!

Surya Gangavarapu is currently an eighth grader. He enjoys hiking and going for walks in the canyon behind his school. He is a member of the Naturalist Club at his school and also, on a completely different note, plays the trumpet. His favorite subject is science and plans to become a zoologist/biologist when he grows up.

Saket Myneni is an eighth grader. He is a boy scout, and aspires to be an

Eagle scout soon. He likes to swim, play tennis and violin. He is a proud member of National Junior Honor Society. He is an active member of the robotics club, book club, science club, and he competes in the Science Fair and the National Geography Bee every year. His favorite subjects are science, social studies and math. He would like to become a neurosurgeon.

Rishi Kejriwal is an eighth grade student at Canyon Vista Middle School who shines through different subjects and hobbies. He loves to play competitive golf and help out at a nonprofit organization called the First Tee. Also, in his free time, Rishi likes to volunteer at different organizations such as the Austin Children's Museum, Camp Invention, and the Austin Museum of Art. Although he likes all these extracurricular activities, he still studies a lot and is always curious to find out more about math and science. He is delighted to have the opportunity to represent Canyon Vista Middle School at the National Science Bowl!

Central Lee Middle School

Donnellson, Iowa

Iowa Regional Middle School Science Bowl, Ames Laboratory

Left to right: (front row)
Kacey Davis, Paolo Adajar,
Carleigh Cass; (back row)
Ames Laboratory Director
Alex King, Aaron Wills,
Richard Galle, Coach
Heather Davis



Coach Heather Davis teaches seventh grade science, seventh and eighth grade technology, and other elective courses. Heather attended Southeastern Community College, then transferred to Iowa Wesleyan College (B.A. in Education). She recently finished her Master of Educational Leadership from Viterbo University and hopes to be a principal in the future. She is committed to teaching her students the importance of STEM in their future and helping them succeed. In her spare time she enjoys being involved in her children's activities, reading a good book, and spending time building memories with family and friends.

Kacey Davis is a seventh grade student. He enjoys all sports and is active in baseball, basketball, football, science fair, show choir, and science bowl. His favorite subjects include math and science. He looks forward to taking advanced math courses to pursue a mechanical engineering career. He will attend college and plans to major in math and engineering.

Kacey is a left-handed pitcher in baseball, enjoys learning about military history, and is an avid Iowa Hawkeye fan. In his spare time he likes to be outdoors and play Xbox.

Carleigh Cass is a seventh grader. She likes anything involving basketball, volleyball, music or her friends. She participates in show choir, basketball, math bee, softball, Future Problem Solving, and FIRST Lego League. She loves science and math. She plans to go to college to major in Pharmacy and become a famous pharmacist. Cool things about Carleigh are she has never failed a test and her favorite cereal (the only one she has eaten in a full year) is Fruity Pebbles.

Paolo Adajar is in the eighth grade. He is involved in numerous activities, including band, jazz band, show choir, basketball, Future Problem Solving, FIRST Lego League, science fair, and science bowl. In his spare time, he enjoys playing chess and many other board games, reading a good book, playing the piano, listening to 80's music, attempting to find the last

number of π , and trying to divide by 0. In school, Paolo enjoys all subjects, but he enjoys math and science the most. In the future, he plans to go to college and major in biology, as he aspires to go into the medical field.

Richard Galle is an eighth grader. Richard participates in football, basketball, track, and baseball. He is also involved in science fair and show choir. His favorite subjects are math and science. He is unsure of where he wants to attend college, but would like to consider architecture for a career.

Aaron Wills is a seventh grader. He is interested in physics, engineering, earth, and life science. He is involved in many sports including baseball, basketball, football, science fair, science bowl, and math bee. Other activities he is involved in are chorus, show choir, and youth group. Math and science have always been his favorite subjects in school because they are so interesting and give his brain a challenge. Aaron wants to attend the University of Iowa to be a pharmacist. This is his first year in science bowl.

Colegio Catolico Notre Dame

Caguas, Puerto Rico

Puerto Rico IEEE UPRM Middle School Regional Science Bowl



Team Members: Coach Magaly Vazquez-Torres, Daniela Gonzalez, Edgardo Andrés, Yaniel Ramirez, Juliette M. Diaz, Harold Enrique Canizales-Casiano

Coach Magaly Vazquez-Torres holds a B.S. in Chemistry, and an Associate's Degree in Biology, both from the University of Puerto Rico. She also has courses in education from the Turabo University. She started her professional career as a Chemist for Aztra-Zeneca where she worked for ten years. Magaly has been a schoolteacher for five years; she teaches the high school chemistry lab. These five years have given her a new passion for science and teaching. She coaches the Middle School Science Club and the Animalia Club.

Daniela Gonzalez is a seventh grader. She is part of the school's choir and chemistry club. Her favorite school subjects are math and biology. She is also in the Animalia club; this club aims to help the stray and abandoned animals. Daniela's future goal is to be a veterinarian and have a clinic for dogs and cats and also do community services work with abandoned animals. Helping the stray brings her much satisfaction and increases her love for them each day.

Harold Enrique Canizales-Casiano is in the seventh grade. He is member of the following school clubs: the Math and Chemistry Club, School Band and serves as an Altar Boy since fifth grade. Harold's interests are exercising, music, movies and outdoor activities like kayaking. His future plans are to study chemistry and go to med school and specialize in orthopedics. He is a volunteer in Hogar La Piedad (Battered Women's Home) providing tutoring to the children of the battered women. Harold's favorite sports are Tennis and Basketball.

Edgardo Andrés Velázquez Ramírez is interested in robotics, arts, and science. He is member of the following school clubs: the Art Club and the Science Club. He is also member of the soccer club "Escuela de Formación de Futbolistas Españoles (EFFE)." His favorite subject at school is chemistry. Future plans are to be professional soccer player and a robotic engineer. An interesting fact about Edgardo is that he won an art competition when he was in the

seventh grade. As a result he won a free art scholarship to the San Juan Art League.

Yaniel Ramirez is in the seventh grade. He is a member of several clubs: the Science Club, the Student Council, the Society for Hispanic Engineers [SHPE], and the United Nations Club. Among his hobbies are reading books, playing the guitar and practicing Kempo Karate and Jujitsu Martial Arts. Yaniel's favorite subject is physics. He is already taking some lessons with the high school physics teacher. Yaniel has a twin brother Yadiel, who partners him in all his hobbies and helps him practice for the Science Bowl.

Juliette M. Diaz is in the seventh grade. Juliette is member of the following school clubs: Science Club, the CAF Club, and the "Soles Verdes" club, a club promoting environmental awareness. Juliette wants to become a doctor to help people. She already volunteers in hospitals and visits sick children. Her interests include life science, volleyball and fashion.

Creekside Middle School

Carmel, Indiana

Indiana State Regional Science Bowl, Indiana State University

Left to right: Anthony Ji,
Asim Dhungana, Melissa
Yap, Caleb He, Brendan
Yap, Coach Karmen
Hamachek



Coach Karmen Hamachek is excited to work with this outstanding eighth grade group. She continues to be inspired by their daily love of learning and complete dedication. She majored in mathematics at Wheaton College and continued on at Butler University. A big challenge for her with this group, on top of the wide range of math and science content, is providing enough caloric content at the weekly meetings. Having taught math for more than twenty years, she enjoys supporting many students, subjects, and sports at Creekside.

Brendan Yap, eighth grade, leads this outstanding group of five and returns again to the National Science Bowl stage. His steadiness and focus anchor the group as a whole. Difficult to imagine, he is a My Little Pony: Friendship is Magic enthusiast. His favorite ponies, in order, are Fluttershy, Rainbow Dash, Applejack, and Twilight Sparkle. Strong in sports like tennis and soccer, his favorite subjects are Physics, Math, and LeBron studies. In honor of the last subject, he

decided to omit the last quarter of his biography.

Eighth grader Melissa Yap joins her twin brother on this team and is often the writer, photographer, and notetaker for the group. According to her, "one does not simply Science Bowl." She is very dedicated to the group, and stays busy tracking and documenting the many tasks at hand. She also admits to eating much, much chocolate as well as playing Battlegrounds, the 9000 Mudkipz edition. In addition to her math and science strengths, she plays tennis and loves The Lord of the Rings to the point of obsession.

Anthony Ji, eighth grade, enjoys the thrill of a good competition. His interests are diverse: basketball, all sports, and all classes. He loves food! A short term goal will be to claim a victory at the Science Bowl or MATHCOUNTS competitions. A longer term goal will be to finally prove that trivial things are trivial. To achieve all of the above, he works together with others in this close-knit group, but particularly Caleb.

Eighth grader Asim Dhungana is proud to say that our school is located in the number one city, Carmel, in the great state of Indiana, within the United States, in North America, as part of the northern hemisphere of the earth, within the solar system of the Milky Way Galaxy, in the Local Group, in the Virgo Supercluster, and finally in the observable universe. He plays tennis and soccer, and enjoys practicing the violin. His favorite subjects at school include MATHCOUNTS, Biology, and all math, especially Calculus.

Caleb He, grade eight, has extensively studied the topics of interplay between Kuratowski closure axioms on Hausdorff spaces and large diffeomorphism, Lobachevsky's hyperbolic geometry, Laplace operators in differential geometry, and an alternative proof for Zsigmondy's theorem. He works on proofs for Goldbach's Conjecture. He is proud to say he has completed 47 complete proofs at this date. One can see that he adds much humor, commitment, and content to the group.

Dumas Junior High School

Dumas, Texas

Pantex Middle School Science Bowl



Team Members: Holly Wilhelm, Ravi Patel, Andrew Whitaker, Jacob Owens

Coach David Wylie is a seventh grade Science teacher at Dumas Jr. High School. He also sponsors the Science Bowl teams, FCA, and coaches football, wrestling, and track. He has been coaching and teaching for six years. His hobbies are running and fishing. David has a Bachelor's Degree in Sports and Exercise Science and a M.A. in Instruction and Curriculum from West Texas A&M University. David is married and has four grown children and will have four grandchildren by the end of the summer.

Holly Marie Wilhelm is a seventh Grade student. Holly is active in the Junior High Student Council, and also plays on both the volleyball and basketball teams at DJHS. She enjoys music and has participated in many solo and ensemble performances, and won several awards for violin, piano, and voice. Besides music, Holly enjoys reading, snow skiing, spending time with her friends and cats. She has participated in several musicals and plays with her church. Her favorite

subject in school is math. Holly hopes to become a either a pediatrician or an attorney, and to be a published author one day. An interesting fact is that Holly's team was referred to as "the Harry Potter team" by competitors at the regional Science Bowl at West Texas A&M University.

Ravi Patel is in the eighth grade. His hobbies include building things, playing Basketball, making things out of scrap, and playing video games. Ravi has been in math club, science club, newspaper, science bowl 2012, and is in athletics. In college he wishes to earn a doctors degree and to become a Neurologist to uncover the secrets of the brain and to be able to understand it. Ravi Patel has won a National Mathematics Award in 2012 from the United States Achievement Academy (USAA). He has a lot of random knowledge in his brain that helped him win the 2013 regional Science Bowl. He also has a lot of fun in competitions.

Jacob Owens is currently in the eighth grade. Jacob's favorite subjects

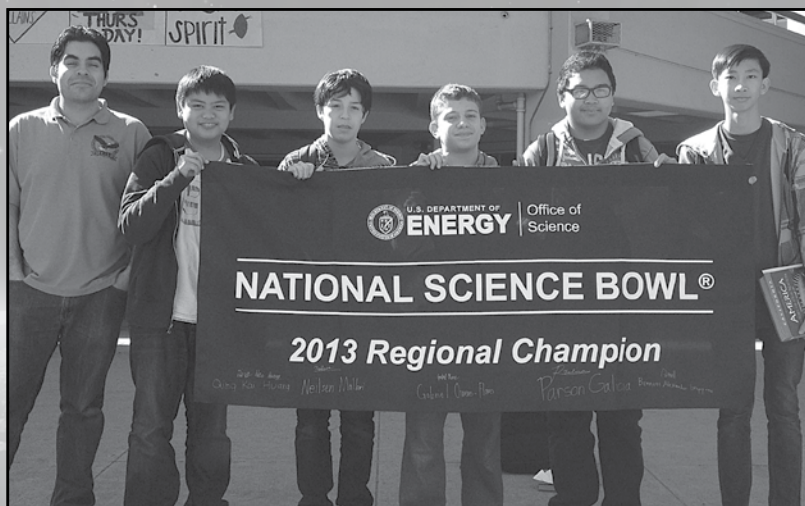
in school are Math and Science. He has been involved in Science Club, Robotics Club, and holds the rank of Star in his Boy Scout Troop. He enjoys playing percussion in the band and is a member of the Tennis Team. In his spare time Jacob likes to play guitar, make stop motion videos, and hang out with his friends. In the future Jacob would like to attend college at BYU and pursue a degree in Chemistry and/or Physics.

Andrew Whitaker is a seventh grade student. Andrew's hobbies are reading, sports, art, and music. Andrew's favorite subject is science especially physics. Andrew plans to attend the law school at Vanderbilt. With his love of country, he wants to run for congress and eventually president. Andrew's activities include club swim, baseball, and band. His accomplishments include being a Division 1 swimmer and playing on a state champion baseball team in 2012. Andrew wants to change the world someday, and make a better place for generations to come.

Eagle Rock Junior High School

Los Angeles, California
CSULA Middle School Science Bowl

Left to right: Coach
Roberto Nuno, Neilsen
Mallari, Gabriel Owens-
Flores, Bennett Alexander
Grappone, Parson Galicia,
Qing Kai Huang



Coach Roberto Nuno has been a mathematics teacher at Eagle Rock Junior/Senior High School for three years. Apart from teaching, he has also worked on getting kids excited for math and science by hosting the school's math and science club, of which the science bowl team is a part of. After majoring in mathematics and computer science at Clark University, he returned home and obtained his teaching credential in foundational mathematics. He frequents the mountains for hikes during the summer, and snowboarding during the winter. Traveling, road trips, sports, spending time with his friends and dog, board games, camping, and video games round off some of his other interests and hobbies.

Eighth grader Gabriel Owens-Flores has always been profoundly interested in science, with a predilection for physics. He is also a voracious reader of all genres, is a green belt in Tong Su Do, a Korean form of martial arts, plays the trumpet and bass guitar in a jazz band, and

enjoys bothering his younger sister. His college ambition is to attend either UC Berkeley or the California Institute of Technology for a degree in quantum physics.

Bennett Grappone is a seventh grader. He is an avid fan of Godzilla movies and has extensive knowledge of giant monster trivia. Prior to his participation in this year's Science Bowl, he participated in three elementary Science Olympiads, winning full points in his individual events and a team gold medal each time. He plans to be a microbiologist and open the world's first microbe zoo. His favorite book is *Cujo* by Stephen King.

Eighth grader Parson Galicia is a respected student amongst his friends in and outside of school. Parson is academically inclined. Within school, he is a respected mathematician. He is an independent person.

Neilsen Mallari was given the Presidential Award for Outstanding Academic Excellence in 6th grade. Neilsen is now a seventh grade student

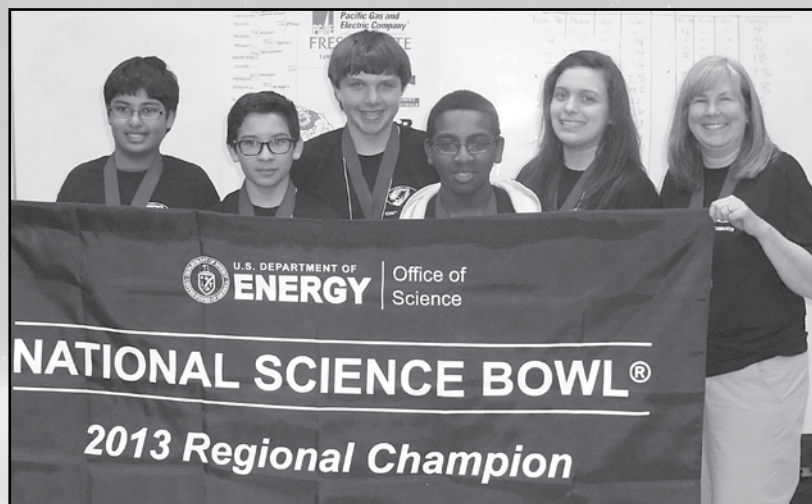
whose favorite subjects are math, science, and history. Neilsen is very interested in action adventure books. Another hobby of his is playing the piano and trumpet. He is a good chess player and challenges anyone good at it. Neilsen plans to take engineering, computer science, and business degrees in college. After college, he plans to take masters' in business administration and start his own business.

Qing is an eighth grader and enjoys the wilderness and also staying inside. Qing enjoys playing basketball whenever he has the time. Qing likes to collect and play with YuGiOh cards with his cousin or anyone at school. Qing's favorite subjects in school are Math and History. Qing's future plans for college are to become a Pharmacist and attend Yale University. An interesting fact about Qing is that he enjoys listening to all kinds of music. Qing can also do anything if he set his mind to it.

Edison Computech 1

Fresno, California

Fresno Regional Science Bowl, Fresno SHPE Professional Chapter



Left to right: Nelabjo Maitra, Nestor Peraza, JJ Sutton, Blake Evans, Alexis Gonzalez, Coach Lisa Poole

Coach Lisa Poole has been teaching science for 30 years at Edison Computech 7-8. Her desire to understand the world around her inspired her to teach. She received B.A. degrees in biology and art and a M.A. in Integrated Math and Science Education. She bowls in the Fresno Teachers' League and plays the flute in the Fresno Community Concert Band. Her hobbies include sports, photography, traveling, hiking, backpacking, and creating art and jewelry. This is her sixth trip to the National Science Bowl and thanks the organizers for hosting this event.

Blake Evans is in the eighth grade. His favorite subjects are computers, science, and art. His hobbies include reading, playing video games, drawing, watching movies, and playing baseball. He plans to go to Stanford, MIT, or CalTech, and wants to major in either Computer Science or Computer Engineering. Blake plans to become a computer scientist because he became interested in computers at a very young age and wanted to understand them. He is a member of Science Bowl,

Multicultural Club, and WEB. This is Blake's second year in Science Bowl but his first time to Washington DC. Nestor Peraza is an eighth grader. His favorite hobbies are reading, practicing his trombone, and playing video games. Nestor is interested in one day becoming an aerospace engineer and a musician/composer on the side. Although he's not sure which college he would like to attend, he hopes to find one with a strong aerospace program. Aside from being in Science Bowl, Nestor is a member of the school's cross-country, soccer, and tennis teams. Outside of school, he plays percussion instruments in his family's choir at church.

Alexis Gonzalez is currently an eighth grader who enjoys watching scary movies, playing volleyball, and listening to music. Alexis also loves spending time with her friends and going shopping. Her favorite subjects are Spanish and science. She is planning to pursue a degree in psychology and wants to work in a rehab center for drugs and alcohol. Alexis is excited to go to the National Science Bowl and can't wait to compete

with the other teams.

Jacob (JJ) Sutton is in the seventh grade. He has many interests and participates in the drama, math, and chess clubs at his school. JJ has learned to play many instruments over the last six years including the piano, violin, and bassoon. JJ does not have a favorite subject in school and is currently deciding between a career in astrophysics, chemistry, law, or performing arts. He has memorized the first 54 digits of pi and the first 54 elements of the periodic table. His favorite number is not 54.

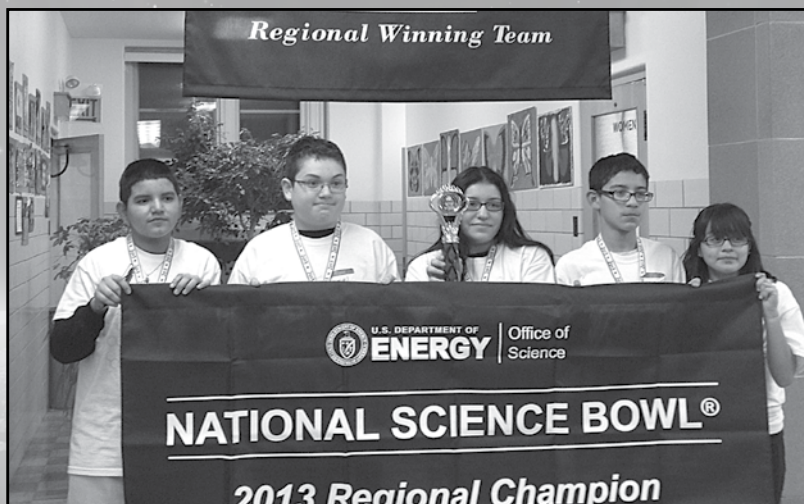
Neilabjo (Neil) Maitra is a seventh grader. Throughout his school-life, Neil's favorite subject has been science, but now Neil also loves robotics and French. Neil participates in numerous extracurricular activities including Destination Imagination, Computer Club, Chess Club, and Tournament of Technology. Aside from school, Neil loves to play the piano and viola. Reading is something he loves as well. Neil plans to be either a doctor or a physicist.

Edward Hurley Elementary School

Chicago, Illinois

Chicago Middle School Science Bowl, UIC Minority STEM Alumni

Left to right: Ulises Trejo,
Miguel Flores, Vanessa
Campos, Alfredo Guzman,
Yulissa Quezada



Coach Jazmine Smith-Falicetti teaches 8th grade math. She graduated from Loyola University Chicago with a B.S. in Elementary Education and middle school endorsements in mathematics and science. This is her second year teaching and is always looking for new ways to meet the needs of her students. Her interests include reading, going to the movies, and visiting any of the great museums in the city of Chicago. As a new mom, she is enjoying her time spent with her son. When she is not teaching, she also enjoys spending time with her family, her French bulldog, and her cat, Francis.

Ulises Trejo is a seventh grade student involved in the Math Club, You Be the Chemist club, and most recently has been invited to become a member of the National Junior Honor Society at his school. He would like to attend Harvard University and pursue a career in politics. Ulises is very interested in Tae Kwon Do and has impressively broken a piece of 5-inch wood. He has reached black belt status

in the art and has recently won first place in regional tournaments.

Yulissa Quezada is an eighth grade student and is a member of the Math Club, the Hurley Cheerleading Squad, the soccer and track teams, and is a Hurley Word Hawks online writing center contributor. Next year, she will attend the IB program at Curie High School in Chicago. Yulissa has her eyes set on the Ivy League colleges where she plans to study medicine. Yulissa loves to dance and spend time with her friends and family.

Miguel Flores is an eighth grade student whose interests include reading, socializing, and writing short stories. He is a member of the Math Club, is a contributor of the Hurley Word Hawks online writing program, and has most recently been invited to become a member of the National Junior Honor Society. While Miguel is undecided as to what university he would like to attend, he knows that his career will be centered on mathematics and its applications.

Vanessa Campos is an eighth grade

student who enjoys reading, playing the trumpet, watching TV, drawing, and surfing the internet. In addition to being an excellent math and science student, she is an aspiring writer and artist. To further develop her artistic abilities, Vanessa has participated in activities such as the Hurley Word Hawks online writing center and Marwen Art School in downtown Chicago. She enjoys making her friends laugh, writing stories, playing volleyball, and watching Japanese cartoons. Her all time favorite show is CSI and plans to become a forensic scientist when she gets older.

Alfredo Guzman is a eighth grade student. His interests include soccer, chess, science, computers, board games, and playing the saxophone. He is involved soccer, Math Club, and You Be the Chemist Club. He would like to attend Whitney Young High School in Chicago and attend Harvard University where he plans to study medicine. He is a fraternal twin, enjoys learning about new things, and is a straight-A student.



Left to right: Maxwell Gu, Jacob Wilentz, Jason Lui, Coach Louis Wittrock, Emily Wen, Snow Kang

Coach Louis Wittrock teaches eighth grade Gifted Physical Science at Falcon Cove Middle School. He has been working with the competitive teams for Science Bowl at Falcon for the past four years. Mr. Wittrock has been the Track and Field Coach for the past thirteen years. He is an avid sports fan (Minnesota teams, as he is a Minnesota Native). As far as an educational career, he has spent 25 years teaching. Mr. Wittrock attended Mankato State University in Minnesota, graduating as a biology major with a chemistry minor. He is married and has one child.

Maxwell Gu is currently in eighth grade. He likes to play the clarinet, and he is a national USA Table Tennis member with a rating of 1620. After school ends, he frequently participates in Science Bowl and math club practices. Maxwell's favorite subject in school is mathematics and earth science. MIT and Harvard are his dream colleges, and he desires to become a mastermind engineer or scientist. Furthermore, he participates in math competitions MATHCOUNTS, Mu Alpha Theta, and AMC8. Also,

Maxwell is the assistant principal chair in Florida Youth Symphony Orchestra.

Emily Wen is in the eighth grade. Emily's interests include reading, writing, drawing, and playing piano. Being part of the Science Bowl team has taught Emily how to work in a group, as well as given her the opportunity to meet new friends. She participates in Mu Alpha Theta and the Florida State's Piano Competition. She dreams of working in the science field and aims to attend a prestigious college, such as Harvard or Cornell.

Jason Liu is in the seventh grade. He is interested in God, food, and new developments to the modern world. Jason likes playing tennis and other sports with his friends. Jason strongly desires to go to any Ivy League college or Duke University. In college, Jason plans on studying medicine. Jason is the only seventh grader on the Falcon Cove Science Bowl team.

Jacob Wilentz is an eighth grader. Jacob likes to swim, mountain bike, and spend time with both family and friends. Jacob has recently earned 3rd place in

the C-SPAN Student Cam 2013 contest with his group. He has participated in the World Languages Competition two years in a row and is currently in National Junior Honor Society. In the future, he hopes to go to an Ivy League college. Jacob hopes to do well in Science Bowl by cooperating with his team and displaying sportsmanship. He wishes incredible luck to all of his competitors and is grateful for this wonderful opportunity.

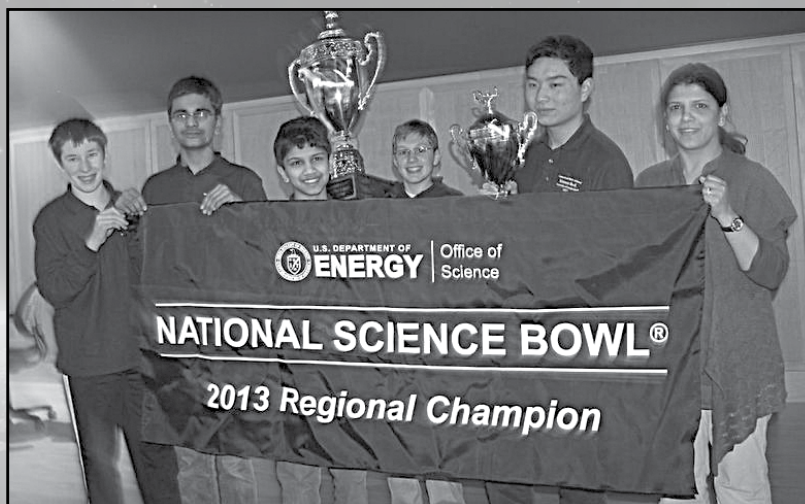
Snow Kang is an eighth grader. She is passionate about both academics and the arts. Snow has danced at Academy of Arts for nine consecutive years and looks forward to several more. She also adores drawing, painting, sketching, etc. Snow is part of the Spanish, Science, and Math Club at school. This year, she will compete in numerous math competitions including MATHCOUNTS, and, of course, Science Bowl. She would like to attend any college that has an excellent law program and is set on becoming a lawyer.

Friendly Isotopes Science Club

Unionville, Connecticut

Connecticut Science Bowl, Department of Chemistry, University of CT

Team members: Coach
Urooj Ahmad, Tom
Messier, Allen Haugh, Jash
Mirani, Spencer Buzdon
Omar Ahmad



Coach Urooj Ahmad works as an adjunct professor at University of Hartford. Urooj Ahmad graduated from Oakland University, Michigan with a MS in Computer Engineering. She volunteers her time to coach for science competitions to provide enrichment activities to kids who love science and to promote STEM awareness. This is her third year coaching for Science Bowl. She also coached Future City this year and her team won the New England region.

Tom Messier is an eighth grade student who is a member of Green Team, a club with an environmental focus, and participates in Science Olympiad. In addition, Tom plays the violin and the contrabass in the school orchestra and is a bass in the school chorus. Favorite school subjects for Tom are science and French. Tom plays soccer and basketball, enjoys solving a variety of Rubik's cubes, swimming, and playing pick-up sports games with the neighborhood kids. Tom's pets include a dog and three cats.

Allen Haugh is currently an eighth grader whose favorite class is

social studies. He has participated in the Future City Competition at the national level, as well as History Day and Geography Bee at the state level. His hobbies are investing and debate. Allen is president of the student council and de facto editor of the school newspaper. He hopes to attend the University of Chicago and work as an economist.

Jash Mirani is in the eighth grade. Jash plays soccer, basketball, and table tennis. Jash has taken part in many state chess tournaments, being victorious twice. He also likes attending academic competitions like Science Bowl, Science Olympiad, Math Kangaroo, Math Olympiad, Spelling Bees, North South Foundation Competitions, Geography Bees, and various other school sponsored events. Jash attends Chamber Orchestra, which is an addition to daily orchestra in school. Jash hopes to go into medicine.

Omar Ahmad is in the eighth grade. He likes computers, building things, and nature photography. Omar has a red belt in taekwondo, is a boy scout, and an elected class leader for the school student council. He formed

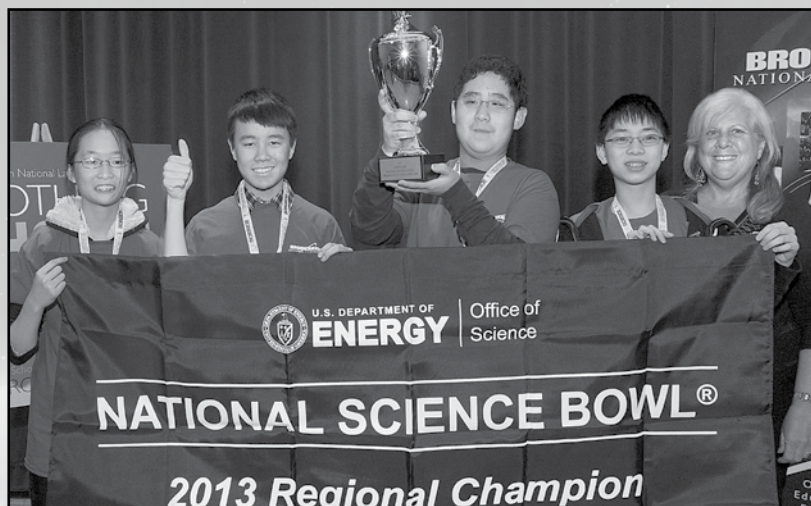
his Science Bowl team in sixth grade with his mother just for fun. That year, the team came in the top 8. Omar, with his team of three, also participated in Future City and his team was the winner of New England Region this year. It was really fun meeting other teams from other regions when attending Nationals in DC. He looks forward to the same for the Science Bowl.

Spencer Buzdon is an eighth grader. As a Boy Scout he is working on the rank of Life Scout, is chaplain's Aid for his troop, has received three religious emblems, has earned 18 merit badges, and is climbing the tallest peaks in each New England state. Spencer plays the viola in his school's orchestra. Spencer plays basketball, football, tennis, golf and has recently learned to surf. At his school Spencer is the lead student on the Science Courtyard Renovation, a member of the Green Team, and IAR Allies training to prevent bullying. Spencer appreciates the friendship of his teammates as well as the support of his coach Mrs. Ahmad.

Great Neck South Middle School

Great Neck, New York

Brookhaven National Laboratory/Long Island Regional Science Bowl



Left to right: Melody Yang, Lynn Hlaing, Allan Lee, Matthew Ko, Coach Gail Keyes

Coach Gail Keyes is an honor's Earth Science teacher. She confides that this year's group of eighth graders is the most incredible group of students that she can remember. One of her very favorite things is hearing from former students and she is constantly amazed to learn of their accomplishments. Gail has been a Science Olympiad coach at Great Neck for over 10 years and decided to try coaching Science Bowl this year. Her students jumped at the idea and within 2 months, two teams evolved. She enjoys reading, photography with her husband, traveling around the world, and teaching science. Gail graduated with a BA from Hofstra University and received a MA from Adelphi University. She currently has certificates to teach in 5 additional areas of education.

Melody Yang is an eighth grade student. For 3 years, she has participated in Science Olympiads and her team just took first place in the regionals so she will be heading off to Syracuse, NY to compete in the

state competition. She enjoys learning about the anatomy of the human body and electricity. As for her future plans, she would like to pursue visual development, animation, and writing short stories. As a young child, she held a fascination for arachnids. Her hobbies include reading a variety of books on many different subjects.

Allan Lee is an eighth grader. His favorite subject of study is science, especially human anatomy, astronomy, meteorology, and biology. Allan has been an enthusiastic member of Science Olympiads for the past 3 years and will be competing on the state level following a first place win at regionals. Allan is also a member of MATHCOUNTS and has been a member of Science Olympiads for three years. This year, he received medals in every event he entered. Allan enjoys reading, especially science articles. He would like to attend MIT and study both history and biology. Allen is looking forward to joining the Science Bowl team in high school.

Lynn Hlaing is an eighth grade

student. Lynn is interested in learning and has plans of changing the world. He prefers to be a master rather than a jack of all trades. He is a hard worker and imaginative thinker who considers himself a bit of an idealist. This year, Lynn joined the Science Bowl team and enjoys competing with students from his middle school as well as students from the high school. Lynn hopes to continue participating in Science Bowl at the high school level. He enjoys reading, programming and drawing in his free time.

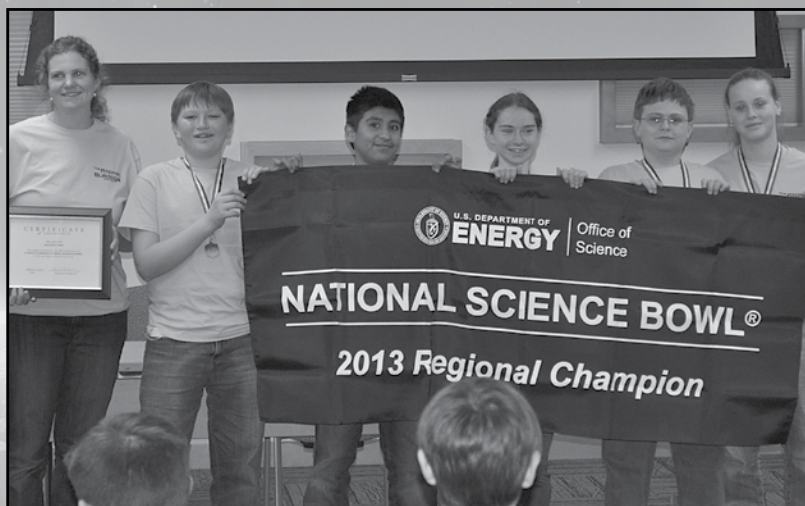
Matthew Ko is an eighth grader. His favorite subjects include science, social studies, and math. He would like to attend Cornell or Stanford University and major in medical/life science or engineering. His ultimate goal is to become a doctor or engineer. Matthew spends many hours playing the violin and has attended All County Music in grades 4, 5, and 6. Reading, playing violin, building/designing, math and science keep Matthew very busy.

Haut Gap Middle School

Johns Island, South Carolina

Carolina Science Bowl, North Carolina Museum of Natural Sciences

Left to right: Coach
Melissa Core, Ben Davey,
Brandon Gonzalez-Perez,
Sarah Hunter, JJ Bishop,
Emmaleigh Efird



Coach Melissa Core is a seventh and eighth Grade Science teacher at Haut Gap Advanced Studies Magnet Middle School. She has been teaching for three years and this is her second year at Haut Gap. She started the Science Club at the school this year to get students excited about science and to share their love of the subject. She also coached a volleyball club in the Fall. Melissa completed her undergraduate degree from North Carolina State University and received her Masters in Biology from the University of Aarhus in Denmark with a thesis in horseshoe crab eco-physiology. In her free time, Melissa enjoys camping, hiking, kayaking, and crafting. After living in North Carolina, Florida, Denmark and Washington D.C. she now lives in Charleston with her husband and their three dogs.

Benjamin Lee Davey is a 12 year old seventh-grader at Haut Gap Middle School in Johns Island, SC. He is a member of the Junior Varsity Baseball team. In his spare

time he enjoys reading, playing on the computer, and hanging out with friends. Benjamin hopes to attend college at either The University of South Carolina or Clemson University. Benjamin has an older sister that lives in Chicago and many family members spread throughout the U.S. He is close with all of them and hopes they are cheering for him right now.

EmmaLeigh Efird is an eighth grader at Advanced Studies Magnet Haut Gap Middle School. She enjoys any kind of word games, and has played soccer for 8 years. She has been in the science club for her school to get ready for this event, and is also involved in her church youth group. She has won many spelling bees for her schools, and won third place in the sixth grade state Spelling Bee. Her favorite subject is math because she enjoys all the problems and equations. EmmaLeigh plans to major in math at a good college, and find a good career involved with math. She has moved four times and lived in five different houses in Texas and South Carolina.

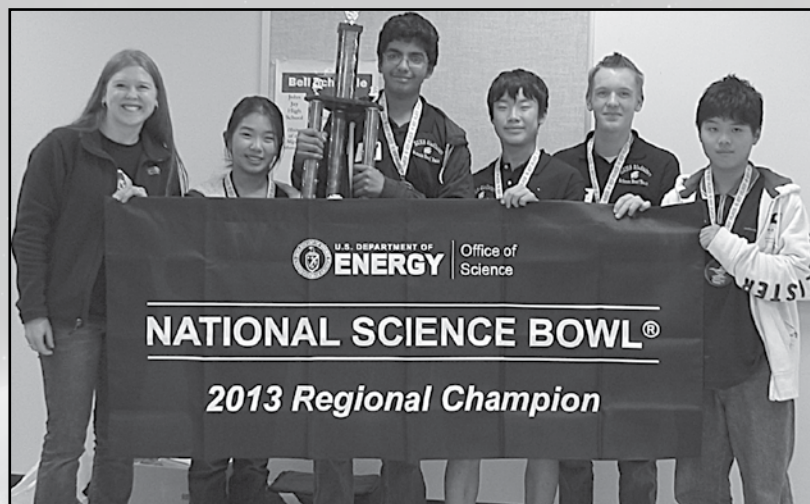
Sarah Hunter is an eighth grader at Haut Gap Advanced Studies Magnet Middle School on Johns Island, SC. Sarah has many different interests. She serves as the producer of the school's morning news show, and is a member of the National Junior Beta Club and the Haut Gap Science Club. Outside of school, Sarah enjoys studying classical ballet and dance with the Robert Ivey Ballet Junior Company. In her spare time, she loves to read and play with her cat, Isis.

Brandon Gonzalez-Perez is a seventh grader at Haut Gap Advanced Studies Magnet Middle School. His favorite activities are soccer, football and baseball. He is in the Science Club at school and likes video games. Brandon's favorite subject is science and social studies. He wants to be a video game creator and a soccer player.

Hector Garcia Middle School

San Antonio, Texas

San Antonio Regional Science Bowl, Northside ISD and MITRE



Left to right: Coach Shelley Beck, Kathleen Ran, Pranjal Singh, Ryan Cao, Anthony Mastracci, Stephen Chen

Coach Shelley Beck is an eighth-year teacher from San Antonio, Texas. She attended Trinity University, earning a B.A. in Psychology. She has taught previously taught all grades of middle school math and science and currently teaches eighth grade Science at Hector Garcia Middle School. This is her fourth year coaching the school's Science Bowl team and her third time attending nationals with a winning team. She enjoys spending her free time with her family, running, reading and sketching. She is immensely proud of her students and looks forward to helping them achieve their future academic and professional goals.

Kathleen Ran is an eighth grader at Hector Garcia Middle School that enjoys competing in math and science. She participates in her school's math and science clubs, and this is her second time competing in the National Science Bowl. Other activities Kathleen likes include playing violin, re-watching *The Lord of the Rings*, and keeping up on current news. In high school, she wishes to continue

competing in Science Bowl.

Anthony Mastracci, eighth grader at Hector Garcia Middle school, is a man of mystery and power, whose power is exceeded only by his mystery. In addition to Science Bowl, he is a member of the school's Robotics and MATHCOUNTS teams, and attends the University of Texas San Antonio PREP (pre-freshman engineering program) in the summers. He enjoys running and has been playing soccer for 8 years.

Stephen Chen is in the eighth grade in Hector Garcia Middle School in San Antonio Texas. His favorite subjects in school are science and woodshop. He also participates in Band. Someday, he hopes to become a doctor.

Pranjal Singh is an eighth grader at Hector Garcia Middle School who aspires to be a neurosurgeon one day. His hobbies include Math, Science, and Chess. He enjoys competing in competitions such as Science Fair, MATHCOUNTS, History Fair, and of course Science Bowl. His interests

are Computer Science and coding languages. He loves playing basketball and his nickname is AT&T. He plans on attending to Yale University where he hopes to be as epic as a Pop-tart cat expelling Rainbows.

Ryan Cao is an eighth grader at HGMS. He is 14 years old and besides having a passion for math and earth science, he has a prodigious yet unrefined talent for music (including, but not limited to, perfect pitch and exceptional composing and conducting skills). He plays tennis for the HGMS tennis team, and sometimes soccer for fun. Ryan frequently enjoys a good book and sometimes can be seen outside, riding his bike and in general, having a good time. However, during competition Ryan is anything but relaxed.

Hopkins Junior High School

Fremont, California

Sandia National Laboratories - California Regional Science Bowl

Left to right: left to right:
Coach Paul Cornett,
Jeffrey Liu, Sayan Ghosh,
Tomas Choi, Catherine
Zeng, David Hsu, Coach
Anja Crickmore



Coach Anja Crickmore has been a teacher at Hopkins Jr. High for the last ten years. Prior to that, she taught biology and chemistry for seven years in a private high school. She received her B.S. in Genetics from U.C. Davis and her Ph.D. in Genetics from Cornell University, and was a post-doctoral fellow at the Karolinska Institute in Stockholm, Sweden. She enjoys birding, hiking, ballroom dance, knitting, reading Swedish murder mysteries and learning as much as possible about science.

Coach Paul Cornett, began teaching middle school science after graduating from U.C. Davis. Later, he taught 4th graders for nine years, but began to miss teaching science all day. For the last six years, he has been teaching both life science and physical science at Hopkins Jr. High, but mostly physical science. Since he has teaching credentials in life science, physical science, and English, he has considered teaching English, but can't imagine reading all those essays and enjoys teaching science too much.

In his spare time he enjoys hiking, learning new things (especially related to science), scuba diving, and traveling with his new wife.

Catherine Zeng is an eighth grader. Because of her persistent curiosity, she loves to learn through playing an active role in the world of math and science competition. Besides participating in Science Bowl, she also participates in Science Olympiad and various math competitions. Other than reading textbooks, Catherine often plays the piano, works on pieces of art, and plays chess. She aspires to have a scientific career that doesn't involve sitting in front of the laptop the whole day.

David Hsu is an eighth-grader at Hopkins Jr. High. He enjoys computer programming and playing the cello. He has played the cello for 6 years. His favorite subjects in science are chemistry (though not organic chemistry) and physics. He plans to attend CalTech.

Sayan Ghosh is in the eighth grade. For as long as he remembers, he

has been intrigued by the wonders of our universe. Along with science, he also enjoys math, playing the violin, and playing Skyrim. Ever since sixth grade, he has also been learning how to program. He especially enjoys the language C. His favorite book is Brian Greene's *The Fabric of the Cosmos*. Sayan wants to grow up to be a computer scientist, and create something that will revolutionize technology, and cause change in the world.

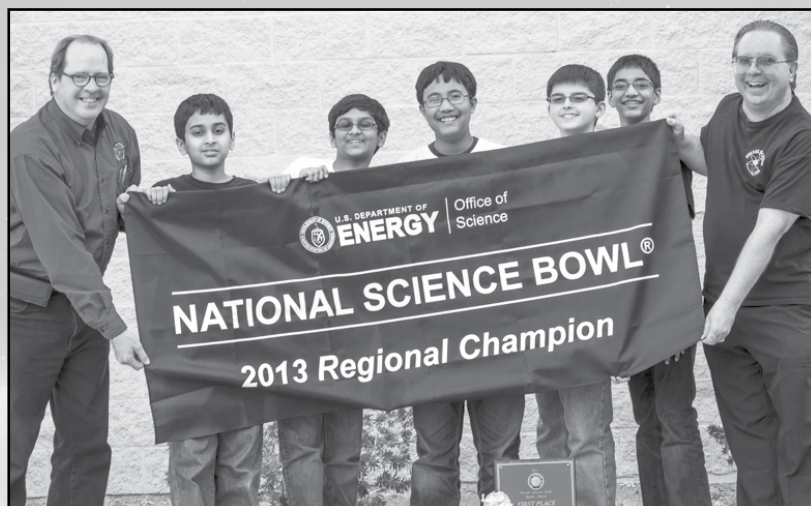
Tomas Choi is an eighth-grader at Hopkins Jr. High. He likes to swim competitively and also enjoys many other outdoor sports. His favorite subject is math. He also shares many interests with Jeffrey Liu, especially eating calamari.

Jeffrey Liu is an eighth-grader who likes being lazy. He enjoys science and math at school. He also enjoys reading and sleeping, but his favorite activity is eating. His favorite food is calamari. When he grows up, he aspires to become a ninth-degree black belt in Tae Kwon Do.

Hyde Park Middle School

Las Vegas, Nevada

Nevada Science Bowl, National Nuclear Security Administration, Nevada Site Office



Left to right: Coordinatoor Daniel Burns, Jay Desai, Anish Devati, Lyle Carrera, Benjamin Hand, Simran Shah, Coach Edward Patricks

Coach Edward Patricks works at Hyde Park Middle School in Las Vegas, Nevada. He teaches Academy Science and Robotics. Besides coaching three Science Bowl Teams, he also coaches four VEX Robotics teams, is a moderator for his school's chapter of the National Junior Honor Society and the Chessmaster for his school's Chess Club. He enjoys collecting stamps and coins. Edward has been a teacher for 32 years. He attended Benedictine University and UCLA. His major was Science Education and his Minor was Law. Edward is proud of being a "bad guy" born in the South Side of Chicago!

Jay Desai is a seventh grader from Las Vegas, Nevada. He is a very academically active boy, being involved and winning awards in MATHCOUNTS, First Lego League, AMC 8, AMC 10, AMC 12, Purple Comet Math, and the UNLV Science and Engineering Fair. His favorite subjects include advanced math such as calculus and trigonometry and is a huge fan of life science and electronics.

When he grows up, he would either want to go to Harvard University and become a cardiologist with a master's degree or go to Caltech to be involved in a nanotechnology based career. Jay's goals in his life include winning the National Science Bowl Competition 3 years in a row and getting in the top 12 students at the MATHCOUNTS National Competition. Some interesting facts about Jay include that he has won over 20 trophies and medals, loves to eat peeled mangoes, and also enjoys programming multiple computer languages such as Java, C++, and Visual Basic.

Seventh grader Benjamin Hand was born on the East Coast. After five years of growing up in the small suburban town of Malverne, on Long Island, he and his family moved to Las Vegas, Nevada, where he attended elementary school at Givens Elementary with another member of his team. He now attends Hyde Park Middle School, where he is a member of Junior Varsity Quiz and is an inductee for the school's National

Junior Honor Society. He enjoys math and science the most in school, and also participates in the school's Math Counts class. He is planning to possibly attend UC Berkeley and get a computer or electronic engineering degree. That, in a nutshell, is the life of Benjamin Hand.

Lyle Carrera, an alumnus of the 2011 National Science Bowl, is an eighth grader at Hyde Park Middle School in Las Vegas, Nevada. There, he enjoys his Physics and Biology classes, as well as his extracurricular activities, which range from Science Bowl to Junior Varsity Quiz. In his spare time, he tends to immerse himself in such games as Halo 4 and Pokemon. When asked about his future, he always tends to give cryptic or unspecific answers, suggesting that he may not know his calling just yet. Speaking of crypticism, riddles and other brainteasers give him great joy. In fact, he's written numerous riddles for his school's annual Pi Day Scavenger Hunt.

Ingomar Middle School

Pittsburgh, Pennsylvania

Southwestern Pennsylvania Science Bowl, NETL-Pittsburgh

Left to right: Coach Rich Gebrosky, John Acierno, Gunasheil Mandava, Ratujit Raviprakash, Anushka Shah, Allison Suddaby



Coach Rich Gebrosky is completing his 39th year as a teacher. After graduating from California University of PA, he began his teaching career in Virginia Beach where he also completed graduate work at the University of Virginia. When he moved back to PA, he also attended graduate school at Penn State. Mr. Gebrosky is the sponsor of the Chess Club and he is an Assistant Varsity Indoor and Outdoor Track Coach. In his free time, he enjoys flounder fishing on the Eastern Shore, eating blue crabs on Smith Island, and hunting. He grew up on an Angus beef cattle farm and built his own log home on part of the old family farm, where he still lives.

John Acierno is an eighth grade student whose favorite subject has always been math, but he also enjoys science too. This is his second trip to the National Science Bowl, having been a part of the regional team from last year as a seventh grader. We hope to improve on our finish from last year.

Gunasheil Mandava is an eighth

grader who enjoys playing chess and collecting state quarters. His favorite TV anime is Avatar: The Last Airbender and its sequel, Legend of Korra, and he watches reruns whenever they are on. This year, he was on the school National Academic League team, which placed second in their division. His favorite subjects are algebra and chemistry. He watches History Channel documentaries and is also an “expert” in World War II, and can recall important dates and equipment used in battle.

Ratu Raviprakash is a seventh grader who enjoys public speaking and debate. He is into nature, mainly animals. He is in debate, Science Bowl, NAQT, National Academic League, science fair, spelling bee, and much, much more. Ratu definitely wants to go into the field of medicine. He plays basketball, tennis with friends, dances, sings, speaks (debate and speeches), and is a great kid.

Anushka Shah, currently in eighth grade, enjoys traveling, drawing, painting, pottery, making jewelry,

dancing, reading, cooking, biking, watching movies, and just hanging out with friends. Anushka plays for the middle school field hockey team, does Indian classical dance, and plays violin for many orchestras, as well as taking instruction from private lessons. Anushka’s favorite subjects include Art, English, and Biology. She would like to attend an Ivy League school. Anushka is interested in becoming a biochemical engineer or a pathologist. She is looking forward to having a blast at the National Science Bowl!

Allison Suddaby is in the eighth grade. She enjoys reading, listening to music, skiing, swimming, and memorizing ridiculously long Shakespearian scenes and monologues. She plays field hockey and was on her school’s National Academic Team. She hopes to go to college at Dartmouth, Middlebury, or Bates College where she wants to major in biology. This summer, she plans on completing a 107 mile canoe trip, starting in northern PA and paddling down the Allegheny River to Pittsburgh.

Jonas Clarke Middle School

Lexington, Massachusetts

Northern New England Science Bowl, Academy For Science and Design



Left to right: Ana Monaco, Kevin Sun, Alec Sun, Jason DiMasi, Kevin Zhou, Afareen Jaleel, Mohammed Jaleel

Coach Mohammed Jaleel is a physician and the medical director of inpatient specialists at Winchester hospital. He is also the managing partner for New England Inpatient Specialists. He also lectures part-time for Tufts medical students, teaching clinical medicine. He enjoys playing chess and spending time with his kids and their classmates teaching them science. He enjoys swimming, bicycling and skiing.

Alec Sun goes to Jonas Clarke Middle School in Lexington, MA. He is currently in eighth grade. His favorite subjects are math and physics. Being the captain of the school math team, he leads the team to win various math competitions. In his free time, Alec likes to practice piano and play tennis. He is also interested in programming and tutoring math. Right now, he wants to pursue a career in computer science or mathematics.

Afareen Jaleel is a 8th grader at Jonas Clarke Middle School and enjoys playing the violin, drawing and sketching. She goes to the Boston

Youth Symphony Orchestra. Her favorite subjects in school are biology and geography. In high school, she hopes to go to the International Biology Olympiad and travel to Europe, and later in life, she wishes to get a Nobel Prize.

Jason DiMasi is an eighth grader attending the Jonas Clarke Middle School in Lexington, MA. Jason is a big technology lover, and enjoys spending time on the computer, using his iPad, or building with K'NEX. He likes to play basketball and baseball, usually in the town leagues. Jason's favorite subjects are math and science, particularly earth science and chemistry. He spends a lot of time learning as much as he can about these topics. Jason is a member of the math team at Clarke, and enjoys participating in various competitions including MATHCOUNTS, AMC, and ASMA. One of his goals is to beat Alec Sun, a good friend, in math someday. He has tried many, many times, but has only succeeded once. Jason's top college choices are MIT

and Stanford, but mainly MIT because both of his parents are MIT graduates. Jason is interested in double majoring in earth science and math.

Kevin Sun is a seventh grade student attending Jonas Clarke Middle School in Lexington, MA. In school, his favorite subjects are math and science. After school, he attends math team where he and his fellow math teammates prepare for MATHCOUNTS. He also enjoys tennis, soccer, piano, reading, and socializing with friends. He wants to be a scientist when he grows up.

Kevin Zhou is a sixth grader who is twelve years old. Kevin enjoys playing baseball, table tennis, basketball, golf, card games and board games. Another thing he likes is watching television. Kevin also loves fruit, especially strawberry and watermelon. Kevin likes school very much. His favorite classes are science, gym and band. When he grows up he wants to become an athlete, or a scientist.

LISA Academy

Little Rock, Arkansas

Arkansas Middle School Science Bowl, Southside High School

Left to right: Harinee Arunachalum, Jeshrine Mazhil, Coach Diata Hart, Feiyang Xie, Srisaipranav Bande, Krush Patel



Coach Diata Hart is the coach and science teacher for the LISA Academy team of Arkansas. Her objective has been to increase her knowledge in all related areas of science that will allow her an opportunity to assist in improving society and to be a positive influence for future career and moral development. Ms Hart has taught for 10 years, but she will resign to begin a registered nursing program next fall with a future goal of becoming a nursing teacher. In her spare time, she enjoys salsa dancing, swimming and traveling.

Harinee Arunachalam is an eighth grade student whose favorite subjects are math and science. Solving challenging math problems and gaining knowledge about the human body has always interested her. She is currently taking yoga lessons, music and dance lessons, and additional math classes provided by KUMON. Her future goals are to attend an excellent medical college in America and to become an anesthesiologist.

Jeshrine Mazhil is a seventh

grade honor student, and has been in the gifted and talented program for four years. Jeshrine has won many awards and prizes at the following competitions: bible memory verse competition at church, Contig and Current Events Quiz in the Alpha Challenge hosted by Pulaski Special School District, and Presidents Education award for Programs Outstanding Academic Excellence in 2011. Jeshrine takes piano and dance, and she participates in Science Bowl, and MATHCOUNTS. Jeshrine was apart of Junior Quiz Bowl where the team won the 2012 Arkansas State Junior Quiz Bowl tournament. Jeshrine wants to be a pediatrician in order to help kids in undeveloped countries.

Feiyang "Jerry" Xie has been in a lot of activities. He is in the Junior Quiz Bowl team and was a part of the winning team for the 2012 Arkansas State tournament. Jerry was also a participant for the 2012 Exxon Mobil Bernard Harris summer science camp. Jerry, an eighth grader, likes science,

particularly biology and physics, and he also enjoys telling science jokes.

Srisaipranav Bande is an eighth grade student. He participates in National Beta Club, Boy Scouts of America, Science Quiz Bowl, and Robotics. He also enjoys playing the drums, singing, dancing and refereeing soccer. Srisaipranav volunteers for the Salvation Army by serving food to the homeless, Den Chief in summer Cub Scout camp, Stamp Out Smoking events and Eagle Scout projects. He won third place in Regional Science fair, Upward Basketball Championship, and Nova Award in Boys Scout. Srisaipranav wants to study health care at Harvard University.

Krush Patel is an very active person and eighth grade student. Influenced by his uncle, he wants to be an Orthopedic Surgeon after attending Baylor University. He is in the Junior Quiz Bowl team of LISA Academy and was a part of the winning team for the 2012 Arkansas State Junior Quiz Bowl tournament.

Mahtomedi Middle School

Mathomedi, Minnesota

Minnesota Science Bowl, Minnesota Academy of Science



Left to right: Ben Nelson, Nathan Haugen, Andrew Krier, Coach Barbara Nelson, Aidan Flick, Aine Keel

Coach Barbara Nelson graduated from Carleton College with a B.A. in Comparative Religions. She has an M.B.A. from the University of St. Thomas with a concentration in Government Contract Acquisition and Management. One of her favorite programs was a Cooperative Agreement with 3M, the United States Advanced Battery Consortium and DOE for the development of a Lithium Polymer Battery for Electric Vehicles.

Ben Nelson is an eighth grader. He has participated in Math Masters, MATHCOUNTS, and First Lego League, making it to the state competition. In 2009 Ben was invited to exhibit his invention, the Basket Bracket, at the MN Young Inventors Fair. Ben plays football and earned his first Varsity letter in wrestling with Mahtomedi High School this year. Ben plays the stand-up bass and the electric bass. His favorite subject in school is science. He plans to attend the Air Force Academy and study aeronautical engineering to prepare for a career in aircraft design.

Nathan Haugen is an eighth grader. He has many interests including physics, history, math, tennis, skiing (both Nordic and alpine), fishing and hiking. Nathan has participated in First Lego League for five years, earning a spot to compete in the state competition three times. He plays percussion in both the middle school concert and jazz bands. Nathan is the youngest recipient of the Grand Challenge Extraordinary Stories award, an international competition. Among his future plans are First Robotics, earning a degree in math and physics, and working as a researcher.

Andrew Krier is a seventh grader. Other than Science Bowl, he participates in MATHCOUNTS, First Lego League, baseball, basketball and likes to golf. In his free time he practices his yoyo tricks. He dreams about one day getting an acceptance letter to Stanford to study computer science and mathematics. Some interesting facts about Andrew are that he memorizes pi for fun, he and his Lego League team went to this

year's state competition, he has played the piano for six years and plays the drum set, xylophone, and auxiliary percussion in the school band.

Aidan Flick is a seventh grader. She plays flute and trombone, and enjoys reading and watching Anime. Aidan is a Girl Scout and an avid traveler. One of Aidan's favorite experiences was a biomedical engineering camp where she built model prosthetic legs. This spurred her desire to attend Virginia Tech (Go Hokies!) and study biomedical engineering. This is her first year competing in Science Bowl, but hopefully not her last.

Aine Keel is a seventh grader. She participates on the Mahtomedi High School swim team. Aine plays the French horn and electric bass. Math is her favorite subject. This is Aine's second year participating in Science Bowl and her first time to compete in the National Science Bowl. She is looking forward to moving to Ascot, England at the end of this school year for twelve months.

Marvin P. Baker Middle School **Corpus Christi, Texas** **University of Texas-Pan American Regional Science Bowl**

Left to right: Coach Coreen Flores, Orion Nguyen, Hunter Adams, Aneel Damaraju, Samuel Brehm, Christopher Fan



Coach Coreen Flores teaches seventh and eighth grade science. She has taught for twenty-three years, entirely at Baker Middle School. Coreen Flores is the science department chairperson and has been the UIL Science and Science Bowl coach for three years. Coreen Flores graduated with a B.S. in Education from Texas A&I University in Kingsville, Texas. Coreen Flores has been married since 1990 to her college sweetheart Leroy, and is the mother to their four children. Coreen loves to travel, do arts and crafts and spend time with family and friends.

Orion Nguyen, an eighth grader, likes to play soccer, practice Taekwondo and swim. During boy scouts he picked up an interest in bows and arrows. As of now, he is in the eighth grade and has made straight A's throughout his life. The 2012 - 2013 school year was the first year that Orion has participated in Science Bowl. Orion is thinking of taking the same route as his father and attend medical school. Orion has always

liked chemistry, physics and math. Although he has his career decided, Orion is still undecided about which university he will attend to pursue his goal.

Aneel Damaraju is an eighth grader. He has been involved with the Science Club for the past 3 years, and is currently the captain of the science team. He earned the rank of Eagle Scout in 2012. He is an accomplished pianist and has performed in Carnegie Hall four times over the past 8 years. Aneel enjoys tennis and plays on the school team. He hopes to become a surgeon when he grows up and be the third generation in his family to do so.

Christopher Fan is a seventh grader. He is involved in many activities and clubs such as Science Bowl, tennis and orchestra. Christopher loves to read books such as the Lord of the Rings, Harry Potter and many other wonderful books. His favorite subject is Spanish. His parents want him to go to a small college/university and pursue his goal of becoming a doctor. But he is also very interested in being

a geologist or a professor. Christopher wants to visit the 'Seven Wonders of the World' one at a time.

Hunter Adams is an eighth grader. His favorite subject is history. He is involved in DI (Destination Imagination) and has attended DI Global's twice. Hunter plays the tenor saxophone. Hunter is also working on becoming an Eagle Scout. He plays tennis and also enjoys gaming. Hunter Adams' goal in life is to become a political government official and aspires to be the first Hispanic President of the United States.

Samuel Brehm is an eighth grader. Samuel is in the band and has performed at Carnegie Hall four times. Samuel has been part of the Baker UIL Math, MATHCOUNTS, UIL Science and Science Bowl team for 3 years. Samuel is also a member of the NJHS. Samuel is involved in boy scouts and has earned the rank of Eagle Scout. Samuel's favorite subjects in school are math and science. He plans to be either an aeronautical and/or mechanical engineer.

Meridianville Middle School

Hazel Green, Alabama

Alabama Science Bowl, Alabama School of Mathematics & Science



Left to right: David Black, Parker Pierce, Jacob Hudson, Coach Terri McElyea, Todd Harrison, Brayden Holman

Coach Terri McElyea has taught at Meridianville Middle School for ten years. She has coached the Scholar's Bowl team at Meridianville Middle for ten years. The team has had many successful county and district tournaments, attending the state tournament twice and the Science Bowl at Alabama School of Math and Science for the past two years. Mrs. McElyea received her Bachelors in Psychology from Athens State University and her M.A. degree from Alabama A&M University. She enjoys running, camping, skiing and the beach in her spare time.

Jacob Hudson is a seventh grade student and plays percussion in the band in the Blue Band. He is also a fourth degree junior black belt after six years of karate. His favorite subject in school is science. Jacob is interested in going to college anywhere that will offer him a scholarship, but his next choice is the University of Alabama. He enjoys swimming, playing video games and spending time with family and friends. He is seriously considering becoming a vet, chemist or inventor.

David Black is a fourteen-year-old, eighth grade A-honor roll student. He has been on the Scholar's Bowl team for two years where he has had the opportunity to help the team compete at the district level and at the Math and Science Bowl in Mobile, AL. He has played baseball for eleven years and football for five years. David earned the Director's award in the band and has played in the band for three years. He also enjoys outdoor activities, sports, and music and building things.

Todd Harrison is an eighth grade student. He is a member of the Scholar's Bowl team, HS varsity tennis team, and a member of the National Junior Honor Society. His favorite subject in school is mathematics, which he is interested in due to the influence from his father and grandmother, a retired mathematics teacher. Todd's father has inspired him in becoming an electrical and mechanical engineer in the field of Ballistic Defense Missiles. Todd hopes to attend Duke University. He also enjoys video games with friends, reading, and snow skiing and fishing in his free time.

Parker Pierce is an eighth grade student. He enjoys school and is an A student. Mrs. McElyea, his Scholar's bowl coach, has pushed him to do his best in Scholar's Bowl, and she has been a great factor in his, and the team's success. When he is not in school he enjoys cutting grass, using his computer, playing airsoft, and gaining knowledge outside of the school. He plans to become a software engineer and develop products for the ever-growing plane of active software and hardware development all over the world.

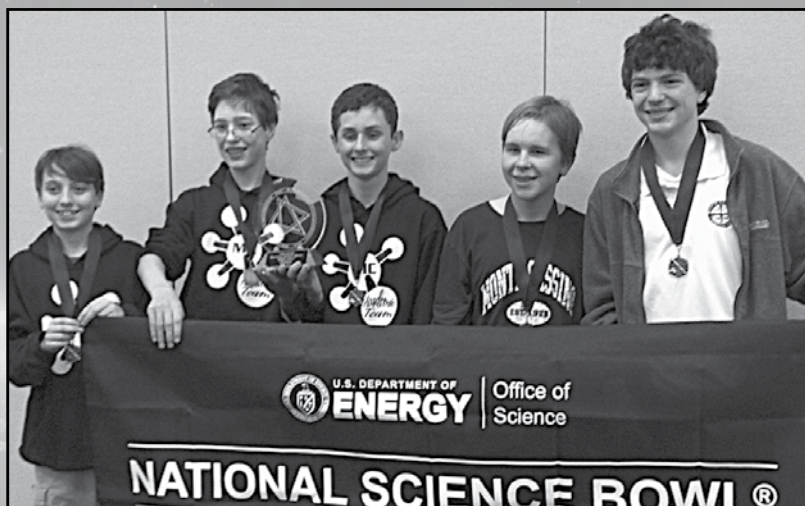
Brayden Holman is a seventh grade student. He regularly attends church services at Plevna Holiness Church. Brayden is on the Scholar's bowl team, is an AB Honor roll student and has received student of the week several times. His favorite subject is Science and he plans to pursue a degree in Residential Architecture. He would like to recreate "old-world" architecture in new homes. He enjoys being with his church friends, family, drawing and sometimes reading and spending time outdoors.

Monte Cassino Middle School

Tulsa, Oklahoma

Oklahoma Science Bowl, Oklahoma Association for Academic Competitions

Left to right: Pierce Pettit,
Beau Bingham, Sean
Bock, Charlie Franczyk,
Jonah Toay



Coach Jennifer Light is an 8th grade history teacher at Monte Cassino Middle School. She graduated from the University of Connecticut with B.S. and an MBA. Teaching became a passion after many years of executive positions and entrepreneurship. She loves to teach, travel, cook, and go to the beach. She is married with two grown sons, both of whom have a passion for learning, especially history. She coaches three Academic Bowl teams and during the past 13 years they have won 8 State Championships, has run the school National Geographic bowl, and coached the History Bee and now for the first year the National Science Bowl team.

Charlie Franczyk is a seventh grader whose favorite subjects in school are French and Social Studies. In addition to academic competitions, Charlie enjoys playing golf and lacrosse. He likes to travel and see new places and snowboards and surfs when he has the opportunity. He hopes to play lacrosse at the collegiate level at North Carolina or another lacrosse

school like Duke or Virginia. In his spare time he enjoys reading and video games.

Sean Bock, grade 8, enjoys computer programming, Legos, and long distance running. He is a member of the track team and captain of the Academic Bowl team. This year his team placed second in the state and has been asked to participate in two National Competitions. He is the winner of the Regional History Bee. His favorite book series is Harry Potter. Sean likes thrills and is a big fan of the theme park rides, especially rollercoasters. He plans to go to M.I.T. for college and become a nuclear physicist.

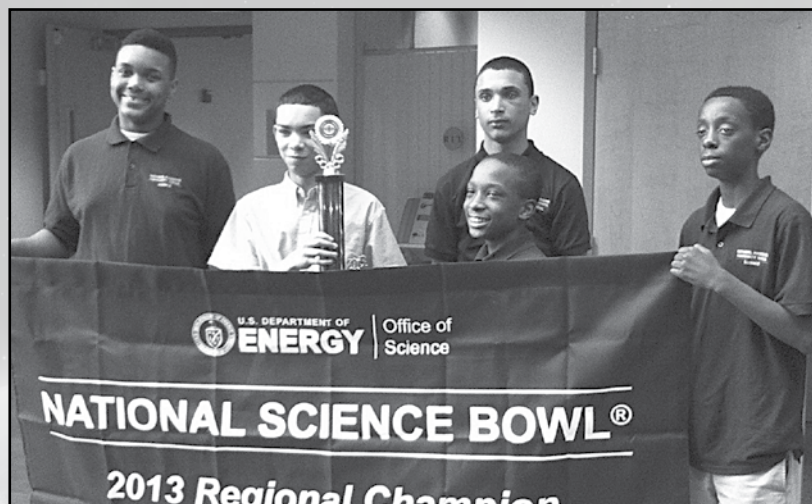
Beau Bingham, grade 8, has won multiple state-wide academic awards, including being a two-time state champion in OAAC events. He has qualified for many national events as well. In addition, he has been nominated for the National Youth Leadership Conference. Beau plans to be either a college professor or research scientist. One of his favorite

subjects is mathematics, where he is three grade levels advanced.

Pierce Pettit is an eighth grade student and is a Life Scout and is nearing Eagle. He qualified for the National Geography Bee and competed in the National History Bee. He is a competitive swimmer. He has played the violin for eight years and competed in many competitions. His favorite subjects are math, science, and social studies. One of his favorite activities is hunting for deer and birds at his family ranches.

Jonah Toay is an eighth grader who enjoys science, social studies, advanced math, foreign cultures, academic bowl and rowing. This school's academic bowl reached second in state and rowing travels all around the United States and even will be going to London for a prestigious regatta known through the world. He is looking at colleges in a wide range for Notre Dame to University of Tampa to study medicine, chemistry, and hopes to become a teacher.

Nathaniel Rochester Community School Rochester, New York NOBCChE Eastern Regional Middle School Science Bowl



Left to right: JaKarri Buckner, Joviel Martinez, Trust Medina, Ivory Lanos, Cameron Odum

Amy Savoie has been coaching Science Bowl teams at Nathaniel Rochester Community School for ten years. She has a Bachelor's Degree in Biology with a minor in Chemistry and her Master's Degree in Education. She has been teaching for more than thirty years. She also completed a special assignment at the Challenger Learning Center serving as a Mission Commander for mock flights to Mars. She enjoys working with her Science Bowl team and expanding their appreciation of science. She says she is very grateful for the support of her co-coach Laiqa Munawar and that without her the team would not be the same. Both coaches are very proud of the members of the Science Bowl team.

JaKarri Buckner is an eighth grade student. He participates in many activities in addition to Science Bowl. He is a member of the school's basketball team. He also enjoys lacrosse, jump-roping, drawing, and playing the piano. JaKarri's favorite courses are science and math. He

plans to one day earn a doctoral degree in mechanical engineering. Despite his many other activities Jakarri has also found time to learn and practice the art of origami.

Cameron Odum is an eighth grade student. His favorite subjects in school are math, science, and social studies. Cameron would like to study Computer Engineering and play football at West Virginia College. In addition to his participation in Science Bowl, he enjoys paintball and other sports. He is a member of the school's basketball team and plays football. He is very proud of his record 30 tackles in one game.

Trust Medina is an eighth grade student. His favorite subjects in school are math and social studies. This is Trust's second year participating in Science Bowl. He is also a member of the school's basketball team. Outside of school he enjoys playing paintball and football. Trust is interested in possibly joining the military where he plans to learn heavy diesel mechanics and enter college to earn a degree in

Engineering.

Joviel Martinez is an eighth student. His favorite subject is science but he has many other interests. He enjoys bowling, baseball, wrestling, video games, and playing the piano. This is his first year participating in Science Bowl competitions. He has many ideas about future careers but has not narrowed his choices down to one. He is excited about all the career choices available to students who are interested in science and math and looks forward to going to college. Joviel enjoys spending time with his family and says that his family has created many nicknames for him.

Ivory Lanos is an eighth grade student. He enjoys Science Bowl competitions, soccer, running, reading and chess. This is Ivory's first year as a member of the Science Bowl team. Among his favorite classes are science, social studies, English and math. He is also very interested in Greek mythology. He plans to one day attend college and will likely choose a STEM related major.

Norman Public Schools Science Club

Norman, Oklahoma

Intertribal Middle School Science Bowl, AISES

Team members: Coach
Silas Wolf, Aaron
Eyachabbe, Amber
Whitehead, Talullah
Hozhoní Begaye, Zitkana
LaFromboise, Tyner Boyce
Moring



Coach Silas Wolf is a citizen of the Chickasaw Nation. Mr. Wolf attended the University of Oklahoma, graduating with a B.S. Degree in Zoology and a minor in Chemistry. Mr. Wolf also graduated from the University School of Law. He practiced in state, federal and tribal courts during his law career. Mr. Wolf closed his practice in 2007 and followed his dream of working in the education of young people. Mr. Wolf has tutored hundreds of Native high school students. He has taken hundreds of Native high school students to colleges in Oklahoma and surrounding states.

Aaron Eyachabbe is an eighth grader who enjoys sports, studying the earth and different sciences. Some of Aaron's activities include orchestra, basketball and cultural activities such as traditional stomp dance, stickball and archery. Aaron is active in United Methodist Youth groups. Aaron has participated in the Native American Science Club held at the University of Oklahoma and the Muscogee Creek Challenge Bowl. Aaron likes learning his native languages and culture. Aaron would like to attend the University of Oklahoma and join the United States Air Force. Aaron is

an enrolled member of the Chickasaw Nation, and is also a descendant of the Muscogee Creek, Euchee, Seminole and Choctaw tribes.

Amber Whitehead is an eighth grader and is a member of the Muscogee (Creek) Nation. Amber enjoys crafting such as jewelry making, crocheting, and sewing. She enjoys playing softball. Amber also plays violin in her school's orchestra. She plans on attending Oklahoma State University. She wants to do something in the scientific field but isn't sure the area yet. She also wants to study graphic arts. Amber enjoys helping with causes such as the Walk for MS and Walk for Juvenile Diabetes.

Tyner Boyce Moring (Comanche/Cherokee) is a seventh grader. Tyner's activities include chess and piano. He has won several trophies and medals at chess tournaments. Tyner recently joined the school track and field team. He has a strong interest in physics and has kept up with news about the Large Hadron Collider in Switzerland and the Higgs Boson discovery. Tyner is considering attending the University of Oklahoma or possibly a school in California with a strong physics department. He likes

to hang out with his friends, play video games, and play with his cat, Otis.

Talullah Hozhoní Begaye (Navajo/Chickasaw/Choctaw) is a sixth grader and plays on a traveling softball team, participates in Science Club, plays viola in the school orchestra, and enjoys baking, creative writing, and art. She enjoys traveling and learning about her cultures. She hopes to attend college to study art on a softball scholarship. This will help her reach her goals of being a "Cake Boss" and running her own business. She started baking independently when she was 4 years old.

Zitkana LaFromboise is in the sixth grade. Zitkana's hobbies include writing, drawing, art, and reading. She is always learning, knows songs for Sweat Lodge and Native American Church and likes to go to Stomp Dances. She wants to learn to dance for pow-wows. Zitkana participates in basketball, plays the violin, and attends the Indian Student Science Club. She has a goal of earning a scholarship to the University of Kansas. Zitkana has many tribes and is a citizen of Sisseton Wahpton Oyate.

Nysmith School

Herndon, Virginia

Virginia Regional Science Bowl, Jefferson Lab



Left to right: Akshaj Kadaveru, coach Minal Bhandarkar, Rahul Gupta, Abhishek Allamsetty, Prathik Anand, Shaan Bhandarkar, Coach Sujatha Golla; (front) Virginia Science Bowl Puppy Beau Tyler

Coach Sujatha Golla is an IT professional with BS in Computer Science and MBA in Information Systems. She is passionate about volunteering and has been successful coaching and encouraging young minds in STEM related activities. Sujatha coached Odyssey of the Mind and her team represented Virginia at the World's Finals competition for three consecutive years. She loves cooking, reading, traveling and enjoys spending time with family and friends.

Prathik Anand is an eighth grader and his favorite subjects are math and science. He actively participates in Math Olympiad, Science Olympiad, MATHCOUNTS and Odyssey of the Mind. His team represented Virginia State at the Odyssey of the Mind World's Finals competition for three consecutive years. Prathik is an Eagle Scout and holds leadership positions such as Webmaster, First Aid Instructor and Patrol Leader. He enjoys reading, playing clarinet and piano. Prathik is interested in the field of biomedical engineering.

Akshaj Kadaveru is a seventh grader at Nysmith School. His hobbies are Math, Chess and Tennis. He enjoys math above any other subject in school, and wants to attend a STEM-oriented college and have a career in STEM. Participating as a 4-member US Team, he secured first place award in 2012 Hua Cup, a youth invitational Math Competition in China. As a sixth grader he was qualified for USA Junior Math Olympiad. In 2011, he secured fourth place in VA State Scholastics K-5 Chess Championships.

Rahul Gupta currently attends seventh grade at the Nysmith School. He is interested in a diverse set of subjects ranging from Geography (two time school winner of the Geo Bee and VA state finalist 2012 and 2013), Math (top 5% in the AMC-8 competition), Science and Latin/English. He plays clarinet and piano. He has greatly enjoyed participating in Model UN. He hasn't decided on a college major yet, but it will likely be a science based major. He enjoys travel, and his most fun visits were to two volcanoes: Mt

Vesuvius and Mt Etna.

Abhishek Allamsetty, Grade six, is a founding member of the Science Bowl team at Nysmith School. He is keenly interested in a variety of STEM fields including Computer Programming, Robotics and Arduino Electronics. As a fifth grader he scored high in AMC 10 and took American Invitational Mathematics Examination (AIME) in 2012. He participated in MATHCOUNTS competition as a sixth grader in 2013. Abhishek's extra-curricular activities include long distance running, Tennis, Table-Tennis and Chess. He is a member of National Junior Honor Society(NJHS). Abhishek's dream is to build a next generation "green" supercar.

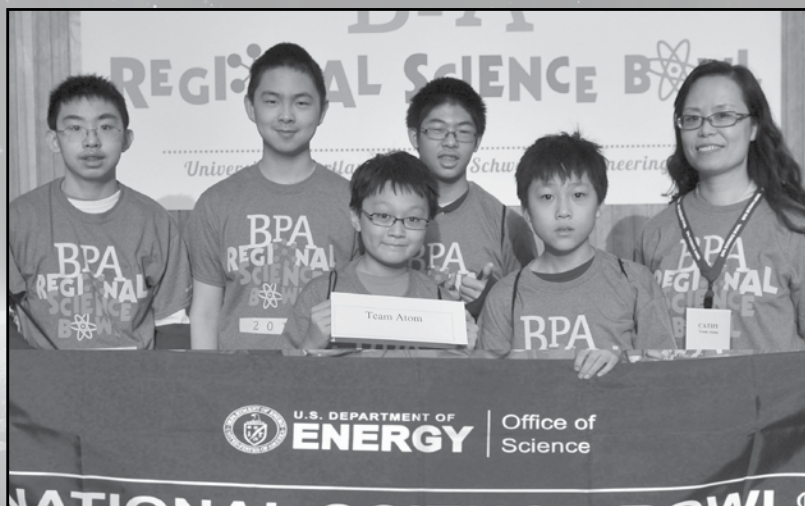
Shaan Bhandarkar is a sixth grader in Nysmith. Shaan has passion for math, reading, table tennis and tennis. He loves to read mystery books. He attends the MATHCOUNTS and the Science Bowl club. His favorite subjects are science, computers and mathematics. Shaan dreams to become a neuroscientist.

Olde Middle School/Team Atom

Bellevue, Washington

BPA Regional Science Bowl, Bonneville Power Administration

Left to right: Allen Yang,
Patrick Wang, Vincent
Wang, Erich Liang, Timothy
Wang, Coach Cathy Zhao



Coach Cathy Zhao is a software engineer at Microsoft, Redmond, Washington. She is privileged being a coach of Team Atom. It is her first time being involved with the Science Bowl competition and she enjoys it very much. As a mom of two kids, Cathy is passionate about children's education. She believes good education is a process which helps students reach their full potential. Outside work, Cathy enjoys reading, writing and cooking in her spare time. She is a co-author of the book *Microsoft 360 Chinese View* published in 2008.

Allen Yang is an eighth grader at Olde Middle School. His favorite subject is mathematics. He goes to Interlake High School every morning for precalculus. He plays tennis regularly at Robinswood Tennis Center. He plays video games in his spare time. He frequently participates in math competitions such as MATHCOUNTS, AMC, and AIME. He has also participated in Future problem solving competitions since sixth grade. His goal is to achieve good

grades in school and to get into an Ivy League college, preferably MIT.

Patrick Wang is an eighth grader at Olde Middle School in Bellevue, Washington. He likes math, science and PE at school. He is a three-time AMC8 perfect scorer and he participates in national-level competitions. He has recently started to participate in science contests as well. He aspires to go to MIT and study something related to math or science. When he is not busy with his schoolwork or competitions, Patrick enjoys playing video games, clarinet, chess, and tennis.

Vincent Wang is a sixth grader who really enjoys science subjects, especially math and robotics. He is in accelerated and enriched ninth grade math. Besides academics, Vincent plays piano, joined the Future Problem Solving club at his school, participates in robotics competitions, and loves playing squash. Vincent is thrilled to have the opportunity of participating in the National Science Bowl competition with his team.

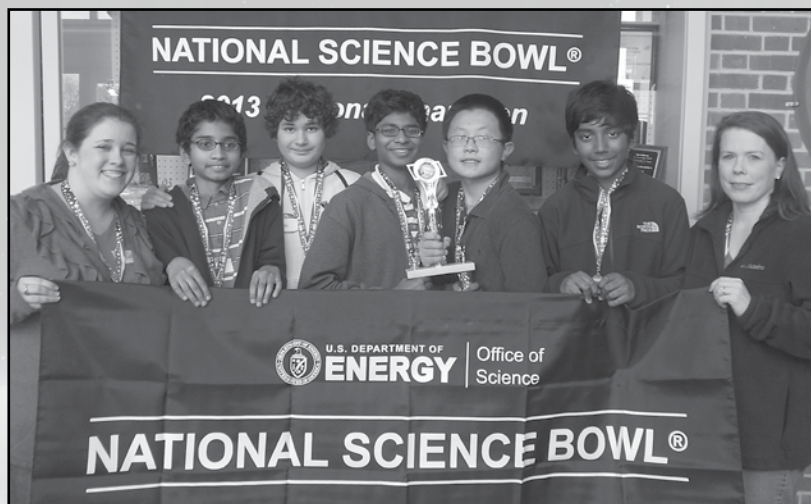
Erich Liang is an eighth grader currently attending Olde Middle School. He enjoys playing tennis and doing math when not doing homework from school. He attends many activities such as math club, Future Problem Solvers, tennis lessons, and piano lessons. Erich's favorite subject in school is math, and wishes to be an engineer when he grows up. Erich has a pet goldfish, called Randy.

Timothy Wang is a sixth grader at Olde Middle School. His favorite subjects are math, science, and PE. He is in an accelerated ninth grade math program at his school, and this year Timothy qualified for AIME as a sixth grader. He really enjoys playing soccer, fencing, cello and video games outside school. The past two years he has been in the FLL Robotics League, where his team was chosen to move onto State. Timothy is thrilled to be participating in the National Science Bowl. His goal for the future is to become a doctor or computer engineer.

Oxford Middle School

Oxford, Mississippi

Mississippi Science Bowl, Mississippi School for Mathematics and Science



Left to right: Shara Minton, Anish Ravishankar, Dylan Howard, Nitin Ankisetty, Shawn Chap, Tamjeed Azad

Coach Shara Minton is a seventh grade science teacher. She has taught science for the past four years, and she taught high school math for three years before that. She is married with two dogs, three cats, and no children. She enjoys reading, traveling, going to local sporting events, and attending concerts, plays, and musicals. Mrs. Minton graduated from the University of Mississippi with a B.A. degree in Psychology, followed by a M.Ed. in Secondary Education. She is also the statistician for the softball team, sponsor of the Beta Club, and a member of the Oxford Civic Chorus.

Anish Ravishankar is in the seventh grade. His hobbies include reading books and watching NFL games. He wants to be some kind of scientist or an aerospace engineer or a geologist. He is not sure what college he wants to go to. So far, his top choices are MIT, Duke, and North Carolina. He will probably study to be either a geologist or an aerospace engineer when he graduates from college.

Tamjeed Azad is in the seventh

grade. His hobbies include playing soccer for a travel team in Mississippi, and playing three instruments, which are piano, violin, and guitar. When he grows up, he wants to go to a good college, such as Princeton or Harvard. He has not yet decided what he wants his profession to be when he grows up. However, he will probably focus in the fields of Engineering or Medical Science. He is really looking forward to the National Science Bowl in D.C., and thinks it is a great opportunity for himself, even at this young age.

Shawn Chao is in the eighth grade. He likes to play basketball, play badminton, and swim. His favorite subjects are math, science, social studies, and Latin. He attends the MATHCOUNTS program and is in the Junior Classical League. Shawn also likes to write persuasive essays. He wants to either go to Harvard, Princeton, Cornell, Stanford, M.I.T., or California Institute of Technology. He is inspired to be a lawyer, neurosurgeon, engineer, dentist, and research scientist.

Nitin Ankisetty is in the eighth grade. He likes to read, play baseball, and swim. His favorite subjects are math and science. He is a member of the MATHCOUNTS program at school. He would like to grow up and be a doctor. His favorite areas in science are chemistry and biology. He is currently taking Latin at his school and is in the Junior Classical League. He wants to attend Harvard, Dartmouth, or Princeton and wants to become a doctor. He wants to be an orthopedic surgeon or an x-ray specialist.

Dylan Howard is an eighth grade student. He enjoys all his classes but Geometry and English are his two favorites. He plays the cello and has been playing since he was four. He also plays soccer and runs cross-country. He enjoys learning Chinese. He would love to be an architect, and he has already designed several buildings. When he goes to a college or university, he would like to go to an Ivy League school or another top ranked college.

Robert H. Sperreng Middle School

St. Louis, Missouri
Missouri Regional Science Bowl

Left to right: Coach
Chelsea Simon, Rounak
Bera, Leanne Dang,
Shalaka Nimmagadda,
Julia Stephens, Coach
Julie Roy



Coach Julie Roy is the Science Department Chair, Environmental Club Sponsor, and Chairperson of the St. Louis Science Leaders' Consortium. Mrs. Roy earned her B.S. degree at St. Louis University, M.A.T. from Webster University, and is currently working toward her Secondary Administration and Education Specialist degree through South East Missouri State University. Mrs. Roy enjoys spending time with her husband Jeff and son Jack, travel, reading, SCUBA, and has won several awards in cooking competitions.

Coach Chelsea Simon is in her first year of teaching. She received her undergraduate degree from the University of Missouri-Columbia, and is currently working towards her M.Ed. in Curriculum and Instruction there also. Miss Simon enjoys being with family, playing with her dog Nellie, and going to the beach.

Rounak Bera is an eighth grader at Sperreng Middle School. At school, he participates in Science Olympiad and Fiddlers. He likes to compete in

math contests, and has been qualified for the state-level Geobee this year. In his free time, Rounak plays the cello, and likes to play video games and build with Legos. His favorite subject at school is science, and he would like to go to MIT someday to become an engineer. Rounak is also a good chess player, and enjoys playing it with his father. He also likes to swim and play soccer. However, Rounak's favorite pastime is reading all kinds of books.

Leanne Dang is a seventh grader at Robert H. Sperreng Middle School. She enjoys rock climbing, soccer, and track. She also participates in Science Olympiad and has been playing the violin for seven years. Her favorite subjects in school are math and science, but she loves reading. Her favorite book series is Lord of the Rings. Leanne wants to go into either the engineering or the medical field after graduation. Leanne loves dark chocolate and is very excited to be in the National Science Bowl.

Shalaka Nimmagadda is in eighth grade. She has been playing the piano

for eight years, and the viola for four. She is a member of her school's Fiddler group (Sperreng Fiddlers) and is also on the track team. Currently, Shalaka is teaching herself to play the guitar. She greatly enjoys Bollywood dancing and has performed on stage many times. Her favorite subject in school is math, but art is a close second. Shalaka spends her free time with her hyperactive dog Patches. She had two gerbils, Chocolate and Chip (they were brothers) but Chip passed away. Oh, and she can cross one eye at a time!

Julia Stephens is an eighth grade student at Sperreng Middle School. Julia plays the violin and is a member of the E. Desmond Lee Honors Orchestra as well as the orchestra at school. She is involved in Science Olympiad, performs in school plays, is a member of the Fiddler's group, and competes in F.A.S.T. swimming competition. Julia is taking honors Spanish at Lindbergh High School and loves to travel. In her free time Julia enjoys reading and playing with her little brother and sister.

Roosevelt Middle School

River Forest, Illinois

Argonne National Laboratory Regional Science Bowl



Left to right: Sanjeev Venkatesan, Ankshka Bandara, Chance Bayles, Coach Sandra Painter, Pun Pratuangtham, Eric Mulshine

Coach Sandra Painter has been teaching math and Humanities at the middle school level for twenty years. Besides coaching Roosevelt's Science Bowl Team, she also coaches the robotics competition teams. She attended Indiana University, University of Illinois and Rosary College. Her fascination for science comes from her father, who was an aeronautical and welding engineer who designed and built the oxygen tanks on the Lunar Lander for the Apollo Missions.

Chance Bayles currently attends Roosevelt Middle School in River Forest, Illinois. He is in the eighth grade. Chance likes to run and went to state for cross country. In addition he plays on the Roosevelt volleyball team. Chance is also musically inclined and plays bass, piano, drums and guitar. He plays for orchestra and the school's jazz band. Chance's favorite subjects in school are history, science, and music. He might want to study economics or law.

Anishka Bandara is an eighth-

grader who currently attends Roosevelt Middle School. He is very interested in science and mathematics and he enjoys playing tennis and video games in his free time. He is on the school's Scholastic Bowl, Science Bowl and MATHCOUNTS teams. He also plays tenor sax for the school's jazz band and concert band. His favorite subject in school is science. His future career will hopefully be in the field of science. He hopes to be educated at a good university. He has a younger sister and he enjoys traveling with his family.

Eric Mulshine is an eighth grade student a Roosevelt Middle school which is in River Forest, Illinois. He plays hockey and is a center and defenseman. He has also ranked 15th in state in the Cross Country two-mile race. Eric is in Algebra 2 with his other teammates in Science Bowl. He is hoping to pursue a career in electrical and aeronautical engineering.

Pun Pratuangtham is an eighth grade student at Roosevelt Middle School. She plays three instruments:

guitar, piano, and clarinet. She enjoys drawing anatomically correct birds, and reading. Pun's favorite subjects are art and math. She plans to go into medicine as a career. Last year, Pun's Science Bowl team won 2nd place at regionals.

Sanjeev Venkatesan is an eighth grade student who attends Roosevelt Middle School in River Forest, Illinois. He likes to read and go to clubs such as Science Bowl, Robotics, and Scholastic Bowl. He particularly likes math and science classes. He hopes to study math in college. In his spare time he likes to program Lego robots.

Seattle Science Infinity Club

Bellevue, Washington

Inland Northwest Science Bowl, Whitworth University

Left to right: Vishnu Rathnam, Rahul Nene, Kartik Iyer, Saransh Kancharia, Tejas Bharadwaj



Coach Vidya Iyer has a passion for Science and is a volunteer at the Science Infinity Club in Seattle. She believes that kids today are innovators for tomorrow and will be responsible to solve the energy crisis with their bright ideas. She loves math and numbers and works as a senior manager at T-Mobile. Her family (husband and two boys) are equally interested in science and math. Her hobbies are cooking and listening to Bollywood songs.

Tejas Bharadwaj is an eighth grader from Evergreen Junior High, Redmond, WA. Some of his extracurricular activities are soccer, tennis, basketball, and chess. His favorite among them is chess and he has participated at the state level chess championships. He has been learning the piano for seven years, and he likes classical, jazz, rock and rap music. He has shortlisted University of Washington, Stanford, and MIT as his college choices. Tejas has always been good at math and wants to work as a financial analyst or in the financial

industry.

Saransh Kacharia is an eighth grader. His interests are physical science, math, technology, and playing video games. He goes to math club, piano practice and plays soccer. His favorite subjects in school are science, math and woodworking. He plans on becoming a chemist or a particle physicist because he is interested in those topics. He also plans on going to MIT, Cal Tech, or Harvard. Interesting facts about him are he likes to play chess and sports and that he loves reading books.

Kartik Iyer is an eighth grader from International Community School. He is a John Hopkins award winner from Talent Search CTY for scoring the highest in the SAT exam while in seventh grade. He has a Black Belt in Tae Kwon Do and is a state level player in chess. His other hobbies are swimming, playing Acoustic guitar and video games. He likes the games Realm of the Mad God and Pokemon. He has a very good sense of humor and entertains his teammates. He wants to

go to Harvard for Medical school and he loves Life Science.

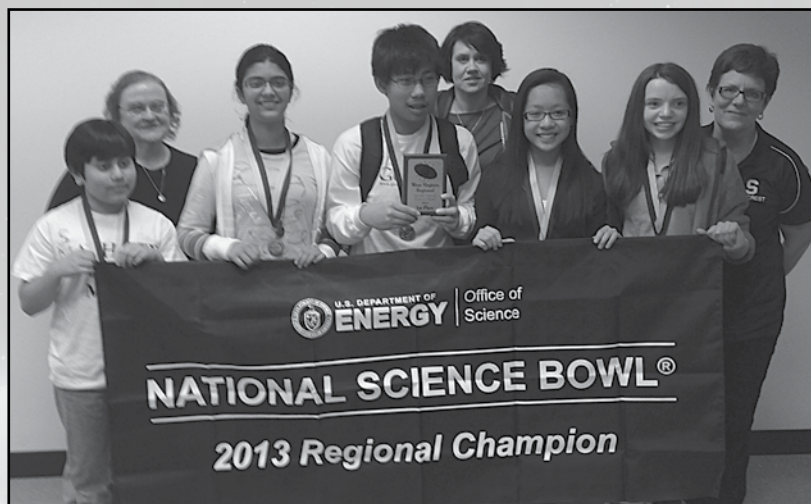
Master Chief and Leonardo DiVinci are Vishnu Rathnam's favorite heroes. Rathnam is an eighth grader from Chief Kanim Middle School in Fall City, WA. His favorite subjects in school include math, science and music. He is excited about going to the new freshman campus and taking various STEM courses including integrated engineering design, algebra II, honors inquiry biology and AP human geography. He is an active member of Boy Scouts and enjoys swimming, basketball and experimenting with music with creative modifications.

Rahul Nene is thirteen-year-old and is in the eighth grade. He is interested in science, math, and video games. He also enjoys taking photos and hanging out with his friends. He is in the math club at his school. His favorite subjects in school are science, math, photography, and Spanish. He wants to become an astrophysicist when he grows up.

Suncrest Middle School

Morgantown, West Virginia

West Virginia Regional Science Bowl, Wheeling Park High School Science Department



Left to right: Swagat Bhattacharyya, Coach Sarah Corder, Ishita Sharma, Danny Guo, Coach Cindy Pinn, Cathy Li, Ashley Hancox, Coach Chris Maloney

Coach Chris Maloney received a BS in Microbiology from Penn State University and a masters degree in education from West Virginia University. She teaches seventh grade science and is in her seventh year of teaching. Ms. Maloney worked in pharmaceutical R&D and then in the microbiology department at WVU before pursuing her real passion – getting students excited about science. Her hobbies include reading, exercising, crafting and spending time with family.

Ishita Sharma, grade eight, enjoys many activities such as swimming, reading, drawing, and playing the violin. She is in activities such as orchestra and Science Bowl. Her favorite subjects in school are math and science. In the future, Ishita plans to go to medical school and become a heart surgeon. Ishita has grown up on three different continents.

Danny Guo is in eighth grade. He plays the violin and piano, and basketball when he can. Video gaming and computer programming

are common pastimes as well. Danny's clubs and activities include MATHCOUNTS. Danny will be attending the national competition for the second year in a row. Other activities include state math field day, Science Bowl, track, chess, and future problem solving. Danny hopes to attend MIT or Harvard to study medicine, finance, or engineering. He has lived for at least a year in three different countries and three different states.

Ashley Hancox is an 8th grade student. She earned a 1st degree black belt in Songahm Taekwondo and is working towards her 2nd degree status. She is a member of the West Virginia History Bowl team, the Science Bowl team, and the orchestra at Suncrest. In addition, she plays piano and is involved in golf and soccer. In her free time, Ashley loves drawing, reading, biking, hiking, and enjoying nature. Her three younger siblings make life even more interesting! She is also actively involved in her church's youth group. Ashley hopes to attend

an excellent college or university and study life sciences with the ultimate goal of having a career in medicine.

Cathy Li is an eighth grader. Her favorite subjects are Math and Science. Other than Science Bowl, she is involved in many other activities, one of which is MATHCOUNTS. She is also very passionate about music and plays piano and trumpet. When not practicing or studying, you can often find her long-distance running or on the tennis courts. She remains undecided on her future plans.

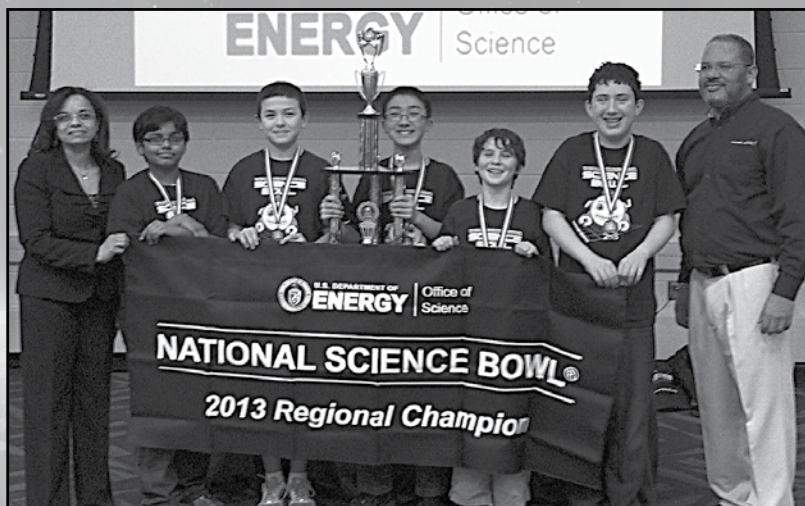
Swagat Bhattacharyya's favorite subjects are math and science. Some of his afterschool activities include Science Bowl and tutoring. He also attends MATHCOUNTS practice before school. He would like to graduate from Carnegie Mellon University. He wants to work in the field of robotics. Swagat got interested in science back when he was four when his father gave him an old physics book. He is in the seventh grade.

Takoma Park Middle School

Silver Spring, Maryland

Maryland Regional Science Bowl, Patriots Technology Training Center

Students (left to right):
Anish Senapati, John
Lathrop, David Wu, Elliot
Kienzle, Noah Singer



David Wu is a seventh grader. His favorite subject is math, closely followed by science. He is currently in geometry right now. He also participates in MATHCOUNTS; he qualified for Chapter and State Competition in Maryland. David enjoys playing computer games and doing math in his little spare time. David also plays two instruments, piano and cello. He is currently undecided about future plans, but wants to do something related to mathematics. David was in the team that attained second place in the Rubik's Cube competition at the National Science Technology and Engineering Festival in 2012.

John Lathrop is an eighth grader. He was born in Maryland and has lived there all his life. John's favorite subject is computer science because he enjoys programming and using the computer in general. In his free time, John is a dedicated swimmer, and enjoys playing on his computer. He also enjoys playing with his cats at home, and reading. For the future, John wishes to become a biochemist

or a biologist. He dreams of one day where people no longer discriminate against other sports, even if they are jealous of swimming.

Anish Senapati is in seventh grade. His favorite subjects are Math, Chemistry, and Biology and Computer Science. Apart from being in the Science Bowl team, he is also a member of the varsity Math team. He has been actively participating in many math and science competitions since fifth grade. Anish plays competitive tennis and soccer. He is also a red belt in Karate. He plays the saxophone and made it into the advanced band of his school this year. In his free time Anish loves to read, solve the Rubik's cube, play chess and videogames. When he grows up he wants to pursue a degree in medicine at Harvard or John Hopkins and become an endocrinologist.

Elliot Kienzle attended Bethesda Elementary and Chevy Chase Elementary schools. He now attends the Math, Science and Computer Science magnet program at Takoma Park Middle School and is in 7th

grade. Elliot is fascinated by science, an interest kindled by the 4H club's Adventures in Science program, which he attended on Saturday mornings during third and fourth grades. Elliot participated in chess club in elementary school and currently partakes in MATHCOUNTS and Science Bowl after school. Elliot has also tried his hand (and foot) at a variety of sports --- karate, running, wrestling, baseball and soccer. Elliot continues to try new things, and is keeping his options wide open for college.

Noah Singer is a seventh grader at Takoma Park Middle School in Takoma Park, Maryland. He enjoys math and science. In his spare time, he programs in a wide variety of languages. He is also an avid reader, enjoying fiction from Sherlock Holmes to Lord of the Rings and nonfiction including books on physics, biology, and computer science. He has played piano for six years and cello for four.

Teeland Middle School

Wasilla, Alaska

Alaska Middle School Regional Science Bowl, Weston Solutions, Inc.



Left to right: Sarah Montalbano, Alexandra Neubauer, Taia Fagerstrom, Jacob Jakiemiec, Matthew Goudey

After teaching in Montana for four years, Coach Mike Shea migrated north to Alaska with his wife to pursue his dreams of catching HUGE salmon, shooting moose and bears, and taming the monster commonly known as the middle school student. He coaches the Science Olympiad team (Alaska State Champions for 10 years running), girls basketball, and is the co-founder of the TMS River Rangers. This program has educated over 1500 students in the field of stream ecology and habitat restoration. Mr. Shea and his wife have two lovely daughters and currently reside in Wasilla, Alaska.

Taia Fagerstrom is an eighth grader who is involved in National Junior Honor Society, Science Olympiad, and Girl Scouts. In her spare time, Taia enjoys ballet, reading, music, drawing, running, and archery. Taia participated in the Alaska State Spelling Bee in 2011 and 2012. In 2012, Taia was the State Champion for Alaska and traveled to Washington DC for the National Spelling Bee. Taia hopes to someday become an

aerospace engineer.

Alexandra Neubauer is an eighth grade student. Alex has won nine medals in the State Science Olympiad Meets and has attended two National competitions. Alex has participated in two CEFPI Design a School of the Future International Competitions held in Washington D.C. in which Teeland has won the last two years. Alex has a very eclectic taste of hobbies which includes swimming, baking, art, and sewing.

Seventh grader Sarah Montalbano has lots of interests, especially making music. She has a passion for biology; earth science is too dull and physical science too complicated for her tastes. Sarah and her mother are accomplished stained glass artisans and violinists. Sarah is a Suzuki violinist and a two time champion fiddler at the Alaska State Fair. She is a proud member of the Mat Su Youth Orchestra and the Mat Su Orchestra. Sarah is also plays the French horn in the school band. Sarah plans to attend the University of Alaska Fairbanks.

Matthew Goudey is a seventh grader. His favorite classes are Algebra and science. Matthew is involved in academic clubs including: Science Bowl, Science Olympiad, and Chess club. He plans to go to college and then go to either law school or medical school and get a job in either field.

Jacob Jakiemiec has three siblings, Brendan, Emily, and Kaitlyn. He lives in Wasilla, Alaska. Jacob is a seventh grader at Teeland Middle School. His favorite subjects are math and science. Jacob's extra-curricular activities include Chess Club, wrestling and soccer. He also participates in Science Olympiad and made it to nationals in 2012 and plans to go back in 2013. In the future, Jacob hopes to be an engineer and work for Nintendo. Some of his hobbies are reading, video games, and finding facts that really don't matter.

The Harker School

San Jose, California

California West/South Bay Area Science Bowl NASA Ames Research Center

Left to right: Rajiv Movva,
David Zhu, Venkat
Sankar, Edgar Lin, Arjun
Subramaniam, Coach
Vandana Kadam



Coach Vandana Kadam teaches Mathematics at the Harker School and is the Chair of the Mathematics Department. She has been teaching at Harker for 15 years and has been an advisor and mentor to several students for their science and math projects. Vandana has been educated in India and has a double major in Mathematics and Physics. She has an M.S. in Applied Mathematics and a Diploma in Business Administration. When she is not teaching math or coaching student activities, Vandana practices and teaches yoga. She also enjoys learning different cultures and has traveled to various countries. She can speak six languages fluently.

Edgar Lin is in the seventh grade. He takes part in many math competitions, including but not limited to AMC 10, HMI (Harker Math Invitational), and BAMO (Bay Area Math Olympiad). He participates in Certamen, which is similar to science bowl except with Greece and Rome questions. He has memorized the first 118 elements of the periodic table and

has an interest in programming.

Rajiv Movva is a seventh grader. In addition to Science Bowl he also takes part in several math competitions. Rajiv has also been involved in First Lego League Robotics. While Rajiv isn't doing something academically focused, he spends his time playing tennis competitively or reading newspaper articles that pique his curiosity. Rajiv aspires to attend Stanford or Princeton University to pursue Biotechnology, a mix of his two favorite subjects, math and science.

Venkat Sankar is an eighth grader. His hobbies include hiking, wildlife viewing, reading, and music. Venkat enjoys astronomy, biology, environmental science, and Earth science the most. Along with Science Bowl, he participates in Science Research, Orchestra, and Latin Junior Classical League Competitions. He has participated in the State Latin Convention several times and has won numerous awards, including the best overall academic award. He hopes to become a scientist or doctor.

Arjun Subramaniam is an eighth grader who he hopes to major in medicine, specifically neurology. Arjun is a vocalist who learns Indian classical music. He also enjoys singing pop music and participating in his school's performing arts group. His other interests include reading books, useless trivia-gathering, following politics and playing tennis. Arjun is passionate about the issue of child labor, and has been doing his part in raising awareness through a blog.

David Zhu is an eighth grade student. He enjoys science subjects very much, especially in math, physics and chemistry. Among the many science subjects, he excels most in math. He is very honored to be part of the science bowl team to represent Harker in the national science bowl competition. Besides academics, David also participates in social activities and sports. He was the sixth grade president in 2010-2011 school year. He also enjoys playing basketball and tennis.



Team Members: Luke Harmon, Caleb Batten, Aditya Shekar, Derek Stein, and Lee Bousfield

Coach Julie Ekhoﬀ is a sixth year teacher at Treasure Valley Math and Science Center (TVMSC), where she teaches Research, AP Environmental Science and oversees the placement of high school students as interns at local universities. This is her first year coaching the middle school Science Bowl team; in previous years she coached the Middle School Science Olympiad team. Julie graduated from Boise State University with a bachelor in Zoology.

Luke Harmon is an eighth grade student. He is also a FIDE Chess Master and a three-time National chess champion. He is a member of the United States Junior Math Olympiad and a five-time All American U.S. Chess team member. Luke's favorite subjects are math and physics. He is an AP National Scholar with Distinction, and a three-time State Math Champion. He also enjoys competing in piano performances and swimming events. Luke's future plans include training to become a research physician-scientist for his career.

Caleb Batten, grade eight, is actively involved in the Meridian Optimist Junior Rifle Club. His favorite subject in school is Aviation Science, and highly enjoys aviation in general. He plans to continue on to become a pilot for Mission Aviation Fellowship (MAF). One of the top colleges on his list is the Air Force Academy. He is also well-versed in the creation of medieval siege craft.

Seventh grade student Lee Bousfield enjoys spending time walking along the Boise river and skiing in the Boise National Forest during the winter. He also likes to walk to the top of a mesa in downtown Boise called Tablerock. Tablerock offers a panoramic view of downtown Boise. But most of all, Lee likes to write computer code. Programming is Lee's consuming passion. Lee has been interested in computer code since he first noticed it in the form of HTML, the code of web pages. As a young child, Lee would gravitate to the programming books at the local library, always looking for new

material. Currently Lee is attempting to apply what he learns to real world uses. Lee also plays the piano and violin. He likes to compose music and is interested in music theory. He also enjoys making harmonies for the violin.

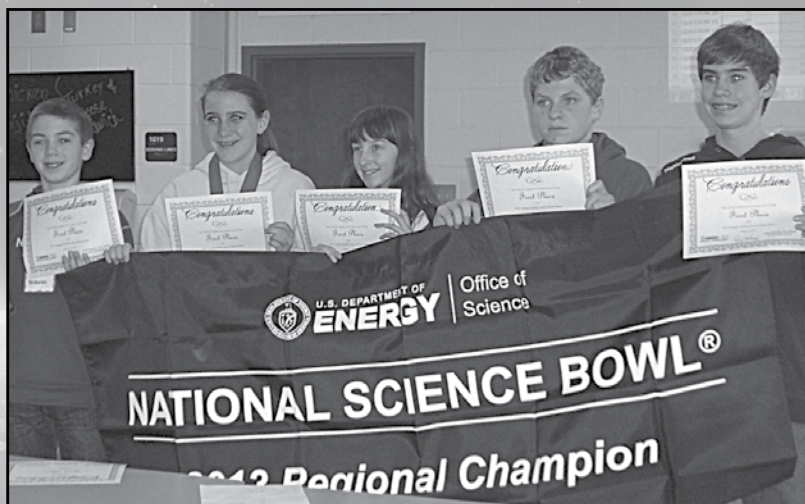
Aditya Shekar, grade eight, was born in Idaho. His favorite subjects in school are biology and math. He loves tennis and takes weekly lessons at the Boise Racquet and Swim Club. He is also a talented piano player, currently in his seventh year of learning the instrument. He has participated in Boise Tuesday Musicales's Annual Festival and has achieved a high score seven years in a row for performance and four years in a row for written tests. He is an avid reader and loves to read both fiction and non-fiction. He enthusiastically listens to piano renditions of classical and popular melodies and attempts to replay them during leisure. He wants to enroll in a college program focusing on molecular biology or biotechnology.

Wesleyan School

Norcross, Georgia

Georgia Middle School Science Bowl, Armstrong Atlantic State University

Left to right: Nicholas Poulos, Sara Carmichael, Erin McConnell, Watson Copeland, Reed Thomas



Coach Pat McCoy is a veteran of academic bowl competitions. She earned a Ph.D. in Modern Languages and Literature from the University of Tennessee. After teaching in university settings for over twenty years, Dr. McCoy changed her focus from adult learners to secondary education. Like many of her fellow coaches, she loves spirited competitions that offer students a chance to explore all realms of their knowledge. Dr. McCoy is the corresponding secretary of the Foreign Language Association of Georgia, a sponsor of the school newspaper, and an avid traveler.

Sara Carmichael is in the eighth grade. Sara's favorite subjects in school are science and French. She also likes algebra and art. During her free time, Sara's hobbies include playing softball, volleyball, guitar, and reading. She would like to attend Georgia Institute of Technology and become a computer engineer.

Watson Copeland is in the seventh grade. His favorite subjects are science, Latin, and history. Watson

is interested in space, aeronautics, military strategy and ballistics. His hobbies include flying real and model planes, hunting, and fishing. Watson has already earned hours towards his pilot's license. He has been to space and aviation camp where he won the simulated flying "dog fight" at age six. Watson is a Boy Scout, football player and swimmer. Watson plans to go to Stanford University to obtain an engineering degree on an academic or lacrosse scholarship. After college, Watson plans to become a pilot, engineer, or an astronaut.

Erin McConnell is in the seventh grade. Her favorite subjects are French and English. She is involved in Wolf Post, the school newspaper, and the school plays. Erin enjoys acting, swimming, and reading. When she grows up, Erin would like to be a movie director and get a degree at Savannah College of Art and Design.

Nicholas Poulos is in the seventh grade. His interests and hobbies include soccer, writing, drawing, acting, piano, computers, physics,

and chemistry. He is currently on his school newspaper, academic bowl team, MATHCOUNTS team, soccer team, and he has acted in three plays since his sixth grade year. He hopes to attend Georgia Tech and gain a degree in chemical engineering. An interesting fact about Nicholas is that he is currently learning German outside of school. He hopes to become either bilingual or trilingual by the time he graduates college.

Reed Thomas is an eighth grader. He enjoys playing football, lacrosse, weight training and swimming. His favorite subject in school is Medieval History. In his free time he can be found building computers and consuming Chick-fil-a products. His future plans regarding college are to attend an undergraduate program that offers both a good scholarship and education. He would then like to earn an MBA and become a charismatic CEO of a large technology corporation. How he gets there is really up to him, but he'll certainly manage.

Will James Middle School

Billings, Montana

Big Sky Regional Middle School Science Bowl, WAPA-Billings



Team members: Coach Patrick Kenney, Michael Stoll, Whit Mercer, Jacob Linfesty, Katrina Terry, Mary Helen Satrom

Coach Patrick Kenney has taught on the high plains of Central Montana for 18 years. Patrick is an advocate of local/state science fairs and has mentored hundreds including several INTEL/ISEF World Science Fair participants. He has coached middle school Science Bowl Teams for nine years and coached 4 National Teams. Several years ago, he started an extracurricular aviation program in which his students build full size aircraft. To date they have built Chanute's 1896 biplane, 1900 Wright Flyer, 1896 Chanute Triplane, and restored a 1932 Pietenpol Air Camper. Patrick loves to fish the Stillwater River, is a voracious reader, model airplane builder, loves to fly, and builds experimental aircraft and an occasional custom car.

Katrina Terry is an athletic, artistic eighth grader. She is a member of the school yearbook staff. At school, she participates in track, was a member of the school softball team and is a level B gymnast. This is her twelfth year in gymnastics and her sixth year on the competitive team. Katrina would like to

attend an Ivy League school that has an excellent science and computer program. Accordingly, her career ambitions may be engineering or graphic design.

Mary Helen Satrom, grade eight, plays the violin, piano, and dances with the Billings School of Classical Ballet. Mary Helen enjoys English, science, art, foreign languages, reading, writing, and photography. She hopes to major in medical sciences in college. Her other activities include volunteering with her church, the Audubon Conservation Education Center on the Yellowstone River, and hiking through the Beartooth Mountains in the summer with her father and dog Nick.

Jacob Linfesty, grade eight, is active in science club, math club, Woodwind Choir, and Jazz Band in which he plays Tenor Saxophone. Jacob is a big fan of Rock and Roll music and particularly enjoys The Beatles, Pink Floyd, and Led Zeppelin. As a member of the Will James track and field team, Jacob loves science, math, and hopes to attend a leading university that will prepare him for a career as a research scientist in

the field of alternative energies and/or molecular biology.

Michael Stoll is an eighth grade student whose favorite subjects have always been math and science. Michael hopes to study at University College London and then pursue a career as an architect or civil engineer. In seventh grade he was awarded a Grand Recognition by Duke University for his achievements within their Talent Identification Program. He is an active Boy Scout and is working hard toward attaining his Eagle Rank. In his spare time he loves to build with LEGOS, swim competitively, and draw Bazinga!

Whitaker "Whit" Mercer enjoys golf, skiing, hiking, and water sports. He is in the eighth grade and a Boy Scout working on requirements to become an Eagle Scout. He is looking forward to this summer when he will participate in the Duke TIP summer studies program and the National Boy Scout Jamboree. He enjoys competing in other academic competitions, including Math Counts, science fairs, and robotics events.

2013 NATIONAL SCIENCE BOWL®

Competing High Schools

Alabama - Alma Bryant High School
Alaska - Mat-Su Career & Technical High School
Arizona - BASIS Scottsdale
Arkansas - Southside High School
California - Bellarmine College Preparatory
California - Mira Loma High School
California - Mission San Jose High School
California - North Hollywood High School
California - Palo Alto High School
California - Rancho Bernardo High School
California - Tehachapi High School
California - Tokay High School
California - University High School
California - University Preparatory School
Colorado - Lakewood High School
Colorado - Ridgeview Classical Schools
Connecticut - Glastonbury High School
Florida - American Heritage School
Georgia - Walton High School
Hawaii - Maui High School
Idaho - Idaho Falls High School
Idaho - Treasure Valley Math and Science Center
Illinois - Evanston Township High School
Illinois - Illinois Math and Science Academy
Indiana - Carmel High School
Iowa - Pleasant Valley High School
Kansas - Blue Valley West High School
Kentucky - Gatton Academy of Math & Science
Kentucky - Paul Laurence Dunbar High School
Louisiana - Baton Rouge Magnet High School
Maine - Maine School of Science & Mathematics
Maryland - Rockville High School
Massachusetts - Lexington High School
Minnesota - St. Paul Central Senior High School
Mississippi - Mississippi School for Math and Science
Missouri - Fort Zumwalt South High School
Montana - Helena High School
Nebraska - Lincoln East High School
Nevada - The Meadows School
New Jersey - West Windsor-Plainsboro High School South
New Mexico - Los Alamos High School
New York - Bethlehem Central High School
New York - Hunter College High School
New York - Huntington High School
New York - STEP South Side High School
New York - Syracuse Academy of Science

North Carolina - North Carolina School of Science and Math
North Dakota - Shanley High School
Ohio - Zane Trace Local School
Oklahoma - Deer Creek High School
Pennsylvania - North Allegheny Senior High
Puerto Rico - Baldwin School of Puerto Rico
South Carolina - Paul M. Dorman High School
South Dakota - Rapid City Central High School
Tennessee - Summit High School
Texas - Amarillo High School
Texas - John Foster Dulles High School
Texas - Liberal Arts and Science Academy
Texas - Northwest Early College High School
Texas - Paschal High School
Texas - Science Academy of South Texas
Virginia - Thomas Jefferson High School for Science and Technology
Washington - Hanford High School
Washington - Mountain View High School
Washington - Pullman High School
Washington, DC - Woodrow Wilson High School
West Virginia - Parkersburg High School
Wisconsin - James Madison Memorial High
Wyoming - Kelly Walsh High School

2013 National Science Bowl®



The 2012 National Science Bowl high school teams at the National 4-H Conference Center in Chevy Chase, Maryland. Congratulations to the champion, Lexington High School from Lexington, Massachusetts.

Alma Bryant High School

Irvington, Alabama

Alabama High School Science Bowl, Alabama School of Math & Science

Left to right: Lindsay Hutcherson, Coach Lynn Stewart, Phillip Patrick, Sophia Ngo, Shelby Easterling, Austin Ray



Coach Lynn Stewart teaches marine biology. She earned several degrees from the University of South Alabama, with concentrations in marine biology and learning disabilities and behavioral disorders. Lynn has taught science for eighteen years. She also worked in environmental consulting labs in the areas of taxonomy and bioassay. Lynn has been the recipient of several grants, providing students the opportunity to conduct research and participate in restoration projects in the Mobile Bay and Northern Gulf of Mexico.

Shelby Easterling is a senior in the top ten percent of her class. She plans to attend the University of Alabama at Birmingham in the fall to pursue a major in Biomedical Engineering. She plans to go to medical school to obtain her M.D. in Pediatric Oncology. She is on the school flag team, track team, president of the National Honor Society, and a Relay for Life committee member. Volunteering is also a large part of Shelby's life and she spends most of her free time volunteering at

various community events.

Sophia Ngo is currently a junior. She enjoys listening to music, singing, and writing. She is involved in many extracurricular activities at her school. Sophia is a member of National Honor Society (NHS), her school's Youth Activist Coalition (YAC) and Students Working Against Tobacco (SWAT) team. Sophia also participates in her school's choir. Her favorite subject in school is math. Sophia plans to go into the field of architecture or chemical engineering after graduating from high school.

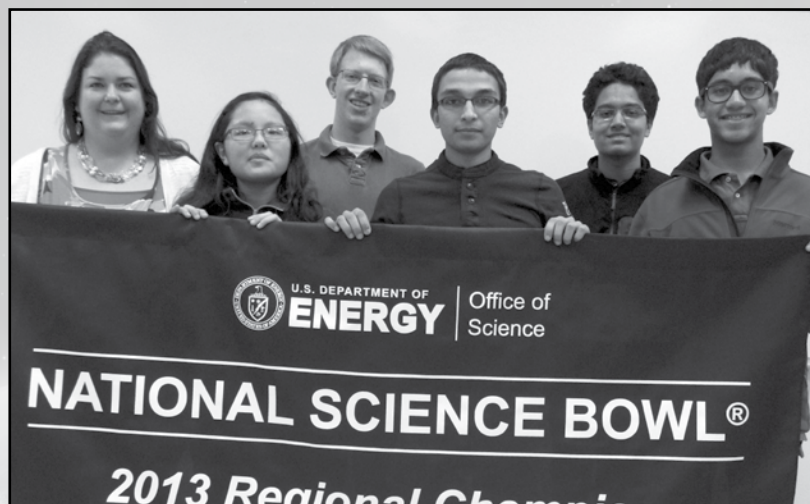
Lindsay Hutcherson is a senior. She enjoys chemistry, physics, and creative writing. Lindsay plans to attend the University of South Alabama and pursue a degree in chemistry or physics. She hopes to also pursue a M.S. Her hobbies include writing prose and poetry, listening to music, and reading avidly. Lindsay will also participate in Model UN this year representing Aruba.

Phillip Patrick is senior. He is a member of multiple academic teams

at his school, including Scholar's Bowl, Hi-Q, and, of course, the Science Bowl Team. Phillip participates in athletics, including tennis and golf; he is also an avid hunter and fisherman. He enjoys mathematics and science and plans to go to college and major in engineering, after which, he will hopefully obtain higher degrees as well.

Austin Ray is a senior who is planning on continuing his education in college majoring in biology. He is a member of his school's Scholar's Bowl team, Hi-Q team, and Science Bowl team. He participates in the National Honor Society, and in cross country. During the summer before his senior year, Austin was a member of the 2012 Alabama Boys State where he was voted to the office of Senator. Austin enjoys drawing and doing volunteer work. In school he excels in science and mathematics and is graduating as the Salutatorian of his senior class.

Amarillo High School Amarillo, Texas Pantex Science Bowl, B&W Pantex



Left to right: Coach
Rebekah McCallops, Ariel
Chen, Keegan Goetz,
Muhammad Subhani,
Saahil Mehta, Akshay
Raghuram

Coach Rebekah McCallops has been a teacher for three years. She has a degree in biology and teaches physics. She is planning to get an M.A. in physics or physics education. This is the third year for her to participate in the National Science Bowl competition, and Amarillo High School's sixth year in a row. She is able to say words and sentences backwards on demand. !maet reh fo duorp yrev si eHS

Saahil Mehta is a senior at Amarillo High School. He plays the piano and is a member of the Spanish Club. His favorite subjects are Mathematics and Physics. In his free time, he enjoys reading and computer programming in Python. He is an avid punster.

Muhammad Subhani is a senior at Amarillo High School. He plays the clarinet and is the President of Latin Club. His favorite subjects are Biology and Economics. In his free time, he enjoys mixed martial arts and volunteering at the hospital. He enjoys the song Caramelldansen.

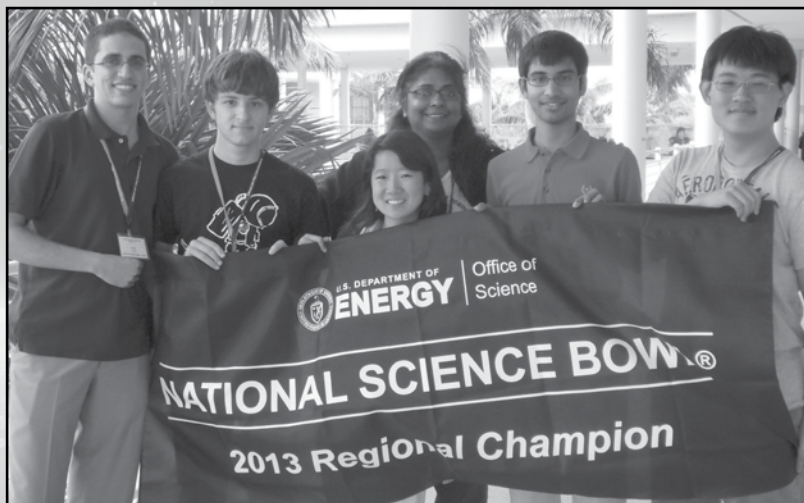
Keegan Goetz is a senior at Amarillo High School. He plays the trumpet in the band and is a four-year member of the Spanish Club. His favorite subjects are physics and economics. In his free time he enjoys reading, relaxing, and watching TV. He will be attending the Cockrell School of Engineering at the University of Texas at Austin this fall.

Ariel Chen is a freshman at Amarillo High School. She plays violin in the orchestra and is on the debate team. Her favorite subjects are English and science. In her free time she enjoys reading, running and hiking. Her favorite song is "Under the Sea".

Akshay Raghuram is a sophomore at Amarillo High School. He plays the violin, piano, and he is part of the school's varsity tennis team. His favorite subjects are math and chemistry. In his free time, he enjoys playing tennis and hanging out with friends. He is excited to complete life's big changes.

American High School Plantation, Florida South Florida Regional Science Bowl

Left to right: Jude Jaraki,
Jake Kenin, Zoe Zhou,
Coach Leya Mathew
Joykutty, Samir Khan,
Kevin Kang



Coach Leya Mathew Joykutty teaches Molecular Biology, Honors and Advanced Placement Biology. She has been a teacher for seventeen years, and is a graduate of the University of Kerala (M.S. in Zoology) and the University of Miami (Ph.D. in Biochemistry, Cell and Molecular Biology). She is the recipient of several awards including the Plantation Teacher of the Year, Coca Cola Educator of Distinction, Singer Family Prize for Excellence and the Claes Nobel Educator of Distinction Prize. In her spare time she enjoys embroidery and reading.

Coach Osmel Rodriguez graduated from Miami Dade College with a B.S. in Earth Science and Secondary Education. Outside of school he enjoys playing and writing music, working in his garden, and cooking with the ingredients that he raises. An interesting tidbit about him is that while in college he took a break from his studies to tour and record with his punk rock band. It was an experience that he still relishes today and he credits that with making him a

better and more relatable teacher.

Jude Jaraki is a senior. He has been a part of the Science Bowl team since his junior year. He has been studying chemistry, physics, and calculus, but does not limit himself to just math and science, as he also enjoys playing the piano and writing music. He would like to attend Princeton and study chemistry, but has no specific career plans. Jude is very excited for the National Science Bowl and is looking forward to having a great competition.

Samir Khan is a sophomore. He participates in Mu Alpha Theta, ARML, and many other math contests. Also an active member of Model UN, he is interested in current events and politics, and reads TIME Magazine every week. His favorite classes in school are English, and Biology. His favorite book is Campbell Biology. He hopes to attend MIT, and major in mathematics and computer science.

Kevin Kang is a junior who likes to swim, play tennis, and ping-pong. His favorite subjects are Math and

Physics. He enjoys going to Math competitions and also competes in the FIRST robotics program. He is most interested in electrical/aeronautical engineering and would like to pursue that as a career later on.

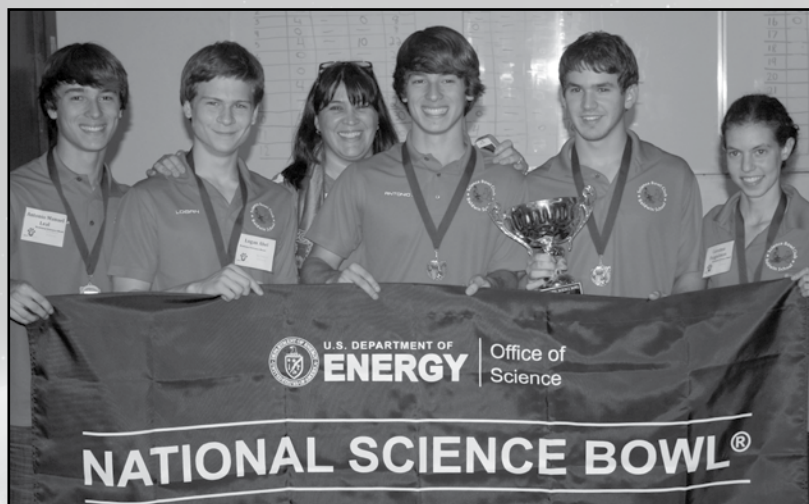
Zoe Zhou is a junior. Her favorite subjects in school include Biology, Chemistry, Statistics, and English. In her free time she enjoys playing the violin/piano, leisure reading, and painting. One of her favorite extracurricular activities is conducting cancer research during her summers. When she graduates from college, Zoe would like to attend medical school and become an oncologist.

Jake Kenin is a junior who likes to play videogames, build computers, and work with electronics and tinker. His favorite subjects are engineering and physics. He enjoys hiking in the mountains and drinking milkshakes. He is very interested in computer engineering and robotics and in looking forward to pursuing these as future careers.

Baldwin School of Puerto Rico

Bayamon, Puerto Rico

SHPE University of Puerto Rico Mayaguez Regional Science Bowl



Left to right: Antonio Manuel Leal, Logan Abel, Coach Ines Muniz, Antonio Jesus Leal, Marcos Pertierra, Carolina Fejgielman

Coach Ines Muniz has been a Science Bowl coach for 5 years and is extremely proud of all the team members. She teaches Biology, Microbiology and AP Biology. She has been teaching for twenty-three years; fifteen of those years in Baldwin School. She graduated with a Bachelor's degree (Biology) from the University of Puerto and a M.S. in Microbiology from University of Maine, Orono. In her free time, she loves to read, cook, hang out with her friends and, if possible, go to the beach with her two amazing boys and wonderful husband. When she grows up, she would like to become a chef.

Antonio Manuel Leal (Manny) is a sophomore. In his free time he enjoys skeet shooting with his dad and twin brother and playing tennis. He belongs to the NHS, Table tennis club, the Tennis team and the Science Bowl Club. His favorite subjects are pretty much anything to do with science. He feels too young to know for sure what his future career will be, but he feels he will end up in the field of medicine.

Logan Abel is a senior. His favorite subjects are physics and path. He enjoys playing soccer and swimming on the school's swim team. He belongs to the school's Math and Science Bowl clubs, and he founded the Computer/Programming club. In his free time he enjoys programming, hiking, cooking, and teaching himself to play the piano. He plans to attend MIT and his career plans are currently undecided. Last year he represented Puerto Rico in the International Physics Olympiad.

Antonio Jesús Leal is a sophomore. He truly enjoys having free time to stargaze or practice skeet shooting with his brother and dad. An accomplished tennis player, Jesus is part of the tennis team. In school, he belongs to the NHS, the Ping Pong club and the Science Bowl Club. His favorite subjects are astronomy and Earth science, although he is an enthusiast of everything science. He is undecided about his future career plans.

Marcos Pertierra is a senior. He likes physics, chemistry, and biology,

but he loves mathematics. He has been a member of the Math Club since Middle School and is now the president of the club. He represented Puerto Rico in the 2012 International Mathematical Olympiad and in the 2011 NSB competition. He also enjoys listening to music, exercising, watching TV, and playing electric guitar. He will be attending MIT next fall, where he would like to major in mathematics.

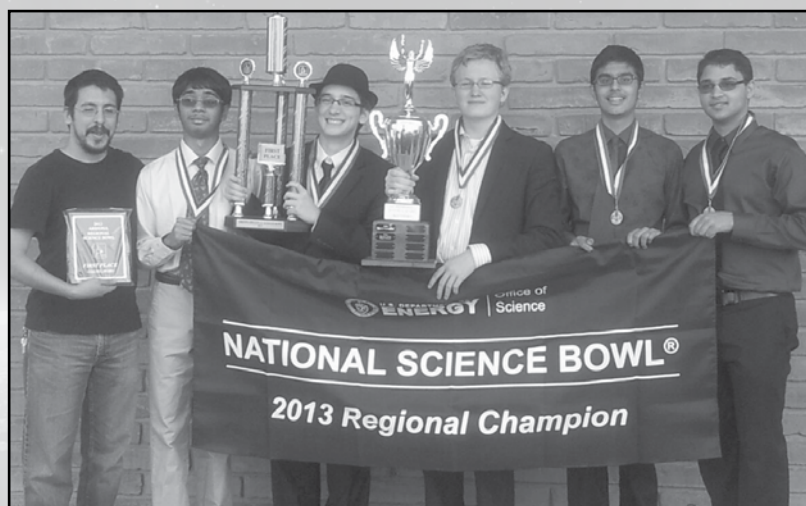
Carolina Fejgielman is a senior. Her favorite subjects include math and any science class she can participate in. She is planning to attend MIT next fall and pursue a career in Chemical Engineering. She is Treasurer of the Student Council and a member of her school's Math Club, Science Club, NHS, Golden Key Club, Students for Ronald McDonald House Club, and Varsity Soccer Team. In her free time, she enjoys going to the beach, playing board games, playing soccer and ping pong, and talking with her friends. Carolina is most proud of her ability to lick her elbow.

BASIS Scottsdale

Scottsdale, Arizona

Arizona Regional Science Bowl, Western Area Power Administration

Left to right: Coach David Romero, Nithin Kannan, Ryan Smith, Thomas Marks, Abijith Krishnan, Sandeep Subramanian



Coach Sanghamitra Sahu is in her first year of teaching mathematics. Prior to teaching, she worked as a Staff Engineer at Seagate Technology, in Minneapolis, Minnesota. She has a M.S. and Ph.D. in Geophysics from the University of Minnesota, and a B.S. and M.S. in Geology and Geophysics from the Indian Institute of Technology in Kharagpur, India. She also has a M.S. in Indian Classical Music and continues to learn it. She enjoys tutoring students that need additional help and enjoys spending time with her husband and two children, playing badminton, listening to all kinds of music and volunteering.

Ryan Smith is a junior. He was born in Arizona and attended a number of Montessori schools throughout his elementary education. He played a variety of sports including soccer, basketball, and football as well as attending classes at a karate dojo. In fifth grade, he enrolled in BASIS at the urging of some childhood friends and he has not left since. As a student he has always enjoyed the sciences for

the way they explain the natural world and mathematics for its intricate yet simple nature. Besides academics, Ryan enjoys artistic expression in the form of acting. He has performed in numerous productions on stage and off at the local community theater in roles ranging from small, ensemble parts to principal roles. He hopes to major in Mathematics and Computer Science after he graduates in 2014.

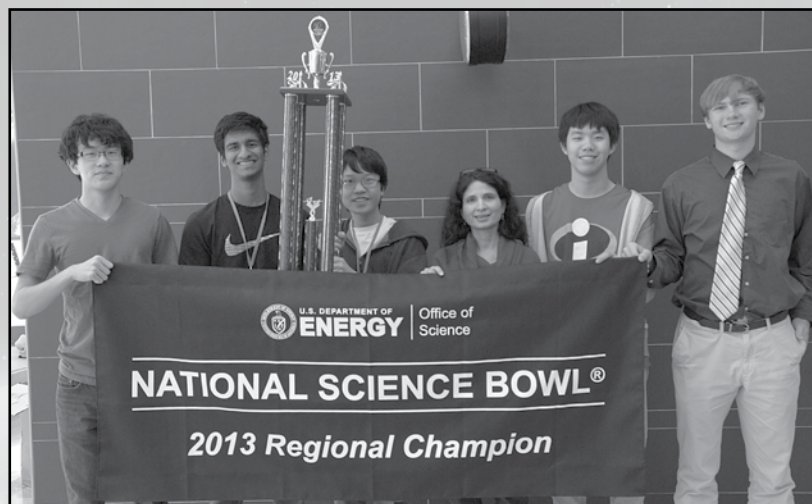
Nithin Kannan is a ninth grader at BASIS Scottsdale. He is interested in physics and math in school as well as AMC as an extracurricular. Chess and tennis are his favorite pastimes during the weekends. Other than Science Bowl, Nithin enjoys AMC and AIME, playing tennis, biking, and reading books. As a former competitor in MATHCOUNTS, Nithin hopes to sharpen his math skills and qualify for USAMO. Nithin doesn't know where he is going to college. In the future, Nithin hopes to attend a top engineering school where he can continue his studies in math and physics. Later in life, he would like to

work at NASA or Google.

A freshman at BASIS Scottsdale, Abijith Krishnan is attending the National Science Bowl for the third time, after captaining a middle school team twice. Abijith is involved in a plethora of activities – Speech and Debate, Quiz Bowl, Peer Tutoring, and the Science Fair. Furthermore, he knows how to play the piano and the drums, having played the piano for eight years so far. He has a strong interest in Physics and Math –his science fair project involves a large amount of physics and calculus. Most importantly, he possesses an art, the art of making physics puns. For example, how are Hooke and Coulomb alike? Both have done a lot of work. (dadum ch.)

Junior Thomas Marks enjoys learning about space and likes to draw. He participated in the American Math Competition. His favorite subject is capstone chemistry. He plans to go into aerospace engineering or astrophysics. His favorite number is 16.

Baton Rouge Magnet High School Baton Rouge, Louisiana Louisiana Science Bowl, DOE Strategic Petroleum Reserve



Left to right: Xinyu Liang,
Adarsh Jones, Scott Wu,
Coach Sangita Mathur,
Rufe Zhou, Daniel Hulan

Coach Sangita Mathur, a Chemistry teacher for 15 years, a Chemistry buff for life. She earned a M.Phil. in Chemistry from India and then another M.S. from Louisiana State University. She enjoys being the Chemist in her kitchen mixing up exotic Indian spices with flavors of the deep south. Her Research work includes aspirin substitutes and polypeptide grafts. This is her third trip to the Nationals.

Senior Bob Liang enjoys math and physics. Some of his other academic interests include computer science, economics, astronomy, and world history. He enjoys tutoring other students in math and science, and aspires (perspires?) to become a research professor. His favorite scientific discoveries include DNA, the transistor, the periodic table, and Wu's squaring trick. In his spare time, he enjoys partaking in music, cooking, soccer, video games, and Mafia. He is looking forward to attending MIT in the fall.

Daniel Hulan is currently a

senior at Baton Rouge High. He enjoys music (including some My Chemical Romance among all other genres) and captaining soccer teams. He loves Chemistry and is actually a national champion in Chemistry. Daniel has also worked chemically at Louisiana State University's Chemistry Department as a chemical researcher for the past four years. Daniel is planning to go to LSU to double major in Chemical Engineering and Chemistry with at least a focus in Biochemistry. Chemically Chemical Chemistry.

Scott Wu is currently a sophomore at Baton Rouge High. Scott enjoys computer science, math, chess, and video games. He won a gold medal at the 2012 International Olympiad in Informatics, attended the 2012 Math Olympiad Summer Program, and was the 2011 MathCounts National Champion. Scott hopes to be the answer to a Science Bowl question one day.

Rufe Zhou is a senior at Baton Rouge High. Rufe plans to study

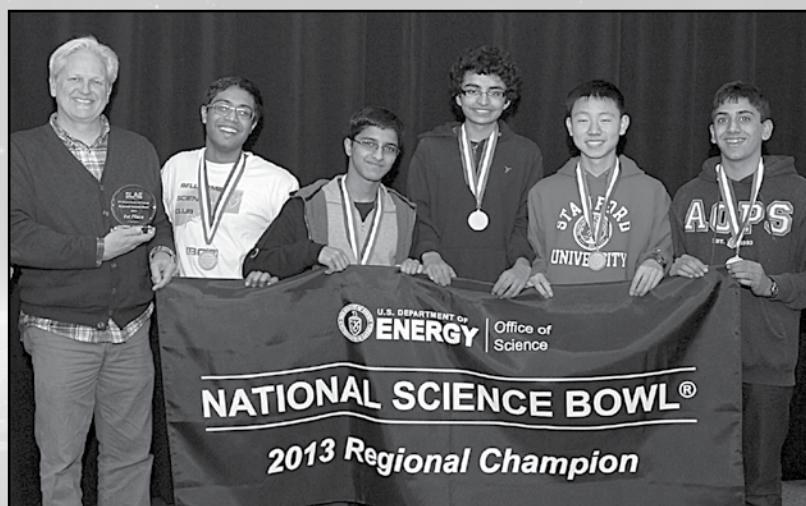
electrical engineering and computer science somewhere up north before he dies of lead poisoning from soldering. After school, he bangs wrenches and bolts together in the hopes a robot will pop out eventually. When he is not monopolizing the monosaccharide market at his school, he plays tennis and the world's leading war-themed hat simulator.

Adarsh Jones is currently a senior at Baton Rouge High. He enjoys tennis, basketball, and science, especially biology. He aspires to become a physician scientist one day. He is still undecided about what college he will attend. His favorite book series is the Wheel of Time series by Robert Jordan.

Bellarmino College Preparatory

San Jose, California
SLAC Regional Science Bowl

Left to right: Coach Patrick Adams, Nikhil Buduma, Rohit Mukherjee, Sameer Rai, Kai Xiao, Shreyan Jain



Coach Patrick Adams has been the coach of the Bellarmine College Preparatory Science Bowl team since its inception five years ago. He teaches Marine Biology, Botany and Earth Science currently but he has taught all across the science curriculum in his 29 years of teaching. Patrick is an avid naturalist, gardener and master beekeeper. In 2012 he was chosen for the Monterey Bay Aquarium Green Tree Award for his efforts on behalf of the environment.

Nikhil Buduma is a senior. Nikhil is particularly interested in biology and chemistry. He is a gold medalist at the International Biology Olympiad, a semifinalist in the 2012 Physics Olympiad, a qualifier to the International BioGENEius Challenge, and a winner of the 2012 California State Science Fair. Nikhil is extensively involved in community outreach, helping local middle school students design science fair projects and coaching middle school Science Bowl for the past four years.

Kai Xiao is a senior whose

hobbies include playing piano and Frisbee. Kai participates in many math competitions, has qualified for the Math Olympiad Summer Program twice, and received an honorable mention on the USAMO last year. He is a USA Physics Olympiad Semifinalist and he is in the USA Computing Olympiad's gold division. He also competes in policy debate and cross country running. Kai has absolutely no idea what he plans to do in the future.

Ronny Mukherjee is a senior. He is a member of the speech and debate team. He qualified to the state tournament, placing 5th and 6th in his sophomore and junior years, respectively, and placed top 30 at the National tournament as a junior. He plans to go into computer science, and has interned at Lexity and Compass Labs, where he worked on automating user interface testing and data analysis, respectively. He enjoys reading science fiction, playing piano, and watching professional StarCraft in his free time.

Sameer Rai is a junior. Sameer

currently serves as captain of the quiz bowl team at and is also involved in question writing for competitions at NAQT and is an avid participant in the National History Bowl and Bee. Sameer's favorite subjects tend to be humanities-based, as he enjoying history in particular and within the realm of sciences, enjoys earth science and biology and astronomy. Sameer enjoys rapping, playing table tennis, reading, writing and watching movies.

Shreyan Jain is a freshman. He has derived a keen interest in science from his grandfather, a famous Indian chemistry professor, and has participated in Science Bowl for four years. His major interest is mathematics, and he has engaged in several competitions including Mathcounts, AMC 8, AMC 10, AIME, and the Stanford Math Tournament. He is a member of his school Speech and Debate Team. His all-time favorite thing to do is reading, and enjoys Victor Hugo, Poe, and Agatha Christie.

Bethlehem Central High School

Delmar, New York

New York Capital District Science Bowl, GE - KAPL



Left to right: Coach Paul O'Reilly, Chad Turner, Ronald Shi, Satjiv Kanwar, Ian Masters, Jimmy Ding, Jacob Wolfsberg

Coach Paul O'Reilly is the coach of the Science Bowl, Science Olympiad and Masterminds teams at BCHS. He teaches AP Biology and Enriched Biology. Paul has also worked as the District Energy Manager, molecular biology lab tech., computer programmer and restaurant manager. While Paul is not working, he enjoys skiing and traveling with his wife Chrissy and two daughters Jessica and Jenna.

Jimmy Ding is in twelfth grade at Bethlehem Central. He enjoys poetry, drawing, photography, listening to music, hiking, and dancing. Jimmy also plays tennis, piano, and trombone, and he hurdles for indoor track. His favorite flower is the lily and his favorite genres of music are electronic and alternative. When Jimmy wrote this biography, he did not know what college he would be attending and was unsure of what career he would like to pursue. Jimmy's best friend is Werner. They hang out on Tuesdays.

Jacob Wolfsberg is a senior at Bethlehem Central High School. He

enjoys mathematics, video games, Homestuck, skiing, and Magic: the Gathering. Jacob also plays the baritone vocal cords, singing in multiple school choral groups, and also for fun. He frequently listens to music such as Blue Öyster Cult and Iron Maiden. Jacob, at the time of writing, is unsure of which college he intends to attend, but favors Northeastern and University of Chicago. Jacob's best friend is Werner, and they hang out on Thursdays.

Ian Masters is a senior at Bethlehem Central High School. He went to elementary school in Wivenhoe England. When he was eight, Ian returned to the US, moving to Slingerlands, New York, where he has lived ever since. In school Ian is interested in math and physics. He has competed in both the HMMT and PUMAC mathematics contests. He also competes in Quizbowl, Science Olympiad and the high school Fed Challenge. Outside of the classroom, Ian enjoys hanging out with friends, playing laser tag and standing on neutron stars. This is Ian's second year

at National Science Bowl.

Satjiv Kanwar is a junior attending Bethlehem Central High School. He likes art, listening to music, taking long walks on the beach, and playing tennis. Satjiv also plays bass and piano in his spare time. His best friend is Werner and they hang out every Wednesday. Satjiv is still unsure about college and his future career but he does know he enjoys the area of physics and astronomy.

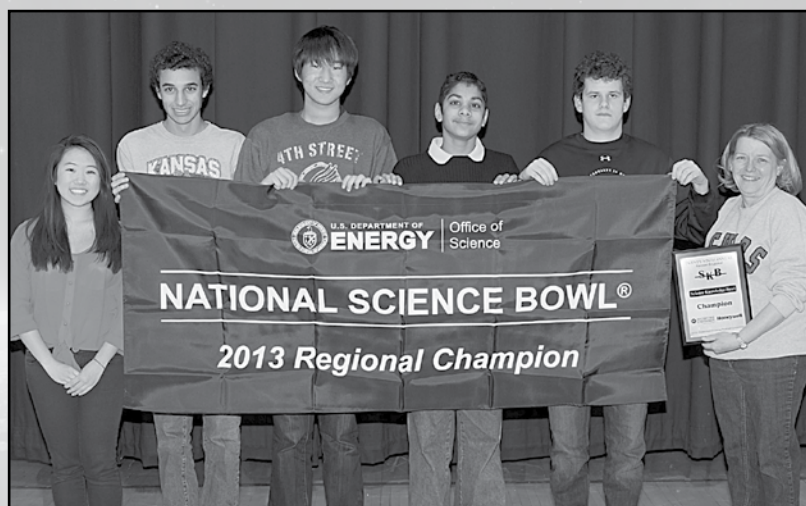
Ronald Shi is sophomore from Bethlehem Central High School who enjoys activities such as playing violin, playing tennis, browsing reddit, sleeping, playing video games, and hanging out with Werner on Mondays. He likes to learn about biology and is involved with the student government of Bethlehem. Some of his greatest achievements include having a top ELO of 1475 in League of Legends, catching Mewtwo with a pokeball, and winning the regional Science Bowl.

Blue Valley West High School

Overland Park, Kansas

Kansas Regional High School Science Bowl, Kansas City Plant

Left to right: Tiffany Wu,
Tim Tadros, Gavin Zhu,
Shyam Narayanan, Keanu
Sida, Coach Fern Bretch



Coach Fern Bretch, who after 40 years of teaching chemistry, physical science, and a little math in Blue Valley and Shawnee Mission school districts, plans to do workshops and life time fitness classes only. Hobbies are traveling, reading mystery fiction, 5K charity walks, and trying to play golf. Handicap is twofold: one is being short, the other is can't play golf.

Tiffany Wu is a senior. She loves music and the arts, absolutely adores all things Disney, and is passionately involved in her school's chapter of Relay for Life.

Gavin Zhu is a sophomore. He is on the school Cross Country team and is also involved in History Club, Math Club, Spanish National Honors Society and Debate. He has been playing music for over ten years and plays both the piano and violin, and he enjoys singing. He volunteers for several hours every week at a hospital and at a foreign language school, and he tutors math every week. Gavin is very excited to be headed to Washington D.C., since the last time

he traveled there was for a different national competition for math.

Keanu Sida is a junior. He enjoys playing basketball and piano, furthering his education through the internet, and hanging out with friends. At school, he is involved mainly in Distributive Education Clubs of America (DECA), the school Categories team, National Honor Society, German National Honor Society, and the Theatre Department. His favorite subjects in school are Chemistry, Biology, Calculus, and Physics. In the future, Keanu plans to go to college somewhere on the West Coast. He wants to earn a terminal degree in Chemistry with an emphasis on Biochemistry or Molecular Biology.

Shyam Narayanan, a sophomore, is also a member of the Academic Decathlon, debate, swim, track & field, cross country and categories teams. Shyam has competed and won several national and international math competitions. He's the only three-time Team USA member in the World Math Team Championships

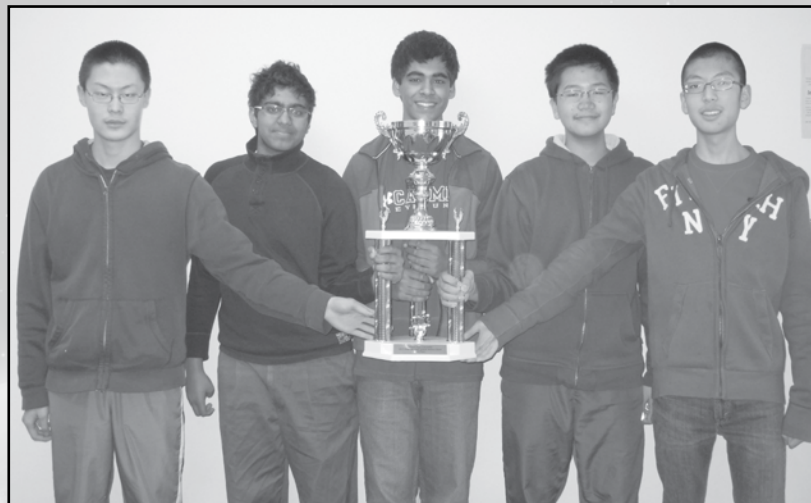
(WMTC) and has won Individual Gold in WMTC. Shyam is an avid piano player and this past year he won the Mid America Music Association's "Top Virtuoso" award in piano music. Shyam has always been interested in science and math and wants to become a physician or research scientist. Outside of school, he enjoys bicycling, swimming, playing video games, reading comic books, traveling and sightseeing.

Timothy Tadros is currently a senior. On top of Science Bowl, he is a runner on his school's cross country and track teams and participates in debate. His favorite subjects in school have been his science classes, but if he had to pick a favorite, it would be physics. Currently, he does not know where he will attend college next year because he is waiting on decisions and the opportunity to visit colleges. He is interested in majoring in physics or a field of applied physics and has intentions to go on to graduate school to become a physicist.

Carmel High School

Carmel, Indiana

Indiana/Michigan Regional Science Bowl, Indiana State & Saginaw Valley State Universities



Left to right: Edward Zhang, Joshua Segaran, Adit Chandra, Kevin Fei, Willie Zhu

Coach Ginny Kundrat has been teaching chemistry and physics courses for 14 years at Carmel High School. She currently teaches AP and Honors Chemistry, and sponsors the Science Bowl and the Chemistry Club. Prior to teaching she graduated from Wheaton [IL] College, worked as a chemist at the Midwest division of National Steel, and earned her MS degree from IUPUI. She enjoys playing the french horn with the Carmel Symphony orchestra and other chamber groups.

Adit Chandra, a sophomore at Carmel High School, is a member of Science Olympiad and a saxophonist in his school's top Symphonic Band. He is also a two-time member of Indiana's Junior All-State Band. He enjoys building and programming autonomous robots and volunteering for his region's Kiwanis Club. Adit plans to study computer science and finance so that he can pursue a career that merges his wide variety of interests and desire to innovate.

Kevin Fei is a sophomore

attending Carmel High School. He is a Physics Olympiad semifinalist and a three time AIME qualifier. He is an officer in Science Bowl Club, Physics Club, Computer Science Club, and Science Olympiad. He plans on majoring in science or computing in college. Kevin enjoys programming calculators and playing video games (particularly Professor Layton and Final Fantasy) in his free time.

Joshua Segaran is a sophomore at Carmel High School. He is interested in science and math, Besides Science Bowl he competes in USAPho, and Science Olympiad. He has no specific favorite subject, he just likes all math and science. He does not know what college he will go to or what his major will be. He likes to play golf and plays the oboe in Band.

Edward Zhang is a sophomore at Carmel High School. His hobbies include practicing the piano, improving his chess skills, and playing badminton. He is interested in science and participates frequently in his school's Science Olympiad team.

He is an avid participant in student government, has been a board member of his school's Key Club, and swims for his high school team. He most enjoys participating in Economics club because he has traveled with his team to New York City to compete at the national level. His favorite subjects in school are science, math, and economics. He aspires to be a scientist.

Willie Zhu is currently in the tenth grade at Carmel High School. He is involved in Science Olympiad, AIME, USNCO and USACO. His hobbies include programming and eating. In the future, Willie aspires to go to MIT and study in chemistry or computer science. His favorite chemical compound is adamantane, and in his free time Willie enjoys playing viola and writing poetry.

Deer Creek High School

Edmond, Oklahoma

Oklahoma Regional Science Bowl, Oklahoma Association for Academic Competitions, Inc.

Left to right: Vincent Tang,
Sooraj Boominathan,
Jennifer Bush, Jacob
Young, Stephen Dyer



National Board Certified teacher and coach Jennifer Bush has a B.S. in Biology from the University of Central Oklahoma and teaches anatomy/physiology and physical science. She has been teaching for nine years. Jennifer stays active in her district by sponsoring the academic team and serving on the Safe and Healthy Schools Committee. She also works as a mentor teacher in collaboration with Oklahoma Christian University. She has written multiple grants to use technology in the classroom and attend national conferences. When not at school, Jennifer enjoys playing softball, spending time with her son, and collecting all things turtle.

Vincent Tang is a senior. He thoroughly enjoys reading, listening to alternative rock and pop music, and playing the piano. His favorite book is, and always will be, *The Phantom Tollbooth*. He also likes spending quality time with all of his friends on a frequent basis. He is a member of the academic team and NHS. He volunteers at his local hospital and at various state music events. Some of his favorite subjects include chemistry, biology, and music theory. He plans to major in chemistry

and attend medical school. Vincent really wants to have a dog one day, but because he is extremely allergic to them, he'll opt for a turtle for now.

Sooraj Boominathan is a sophomore. Sooraj has played the piano since second grade. In his spare time, he enjoys reading books and watching sports. He also volunteers at the Regional Food Bank of Oklahoma. His favorite subject is math, but physics is a close runner-up. In 2011, Sooraj made it to the National Geographic Bee in Washington, D.C., representing the state of Oklahoma. Sooraj would like to attend Stanford once he has graduated from high school, but he is undecided about his major. His parents are Boominathan Balasubramanian and Mangayarkarassy Thiagarajan. Sooraj is also a member of the Vincent Tang Fan Club.

Stephen Dyer, a National Merit Scholar, is a senior. He has been in the band for all four years in high school, and has been a member of the Deer Creek chapter of the National Honor Society since his junior year. Stephen's favorite subjects in school are history, physics, and economics. At Oklahoma State

University, Stephen plans to major in political science, with a possible double major with economics and a minor in math. He enjoys reading science fiction, fantasy, and political science books and likes to doodle and build models in his free time. His favorite novels include *Lord of the Rings*, the *Dresden Files* series, and the *Faction Paradox* series. Stephen is also a member of the Vincent Tang Fan Club.

Jacob Alan Young is a senior. A National Merit Scholar, he will attend the University of Oklahoma this fall as an engineering physics major. Jacob's long-term plans are to earn a Ph.D. in either physics or mechanical engineering. He is co-valedictorian of his senior class, will be graduating after three years of high school, and is a candidate for the United States Presidential Scholars program. When not competing in Science Bowl competitions, Jacob enjoys playing guitar, online video gaming, and chin-up competitions. His parents are Alan and Erin Young of Oklahoma City. Jacob is also a member of the Vincent Tang Fan Club.

Evanston Township High School

Evanston, Illinois

Chicago Regional Science Bowl, UIC STEM Alumni



Left to right: Coach Michelle Vazquez, Carla Orduno, Nancy Cardenas, Jean-Luc Walthall, Rosa Palma, John Nikolai Lenney, Coach Jesus Flores

Coach Jesus Flores is currently a student at Northwestern University in Evanston, IL. He is a senior pursuing a major in Mechanical Engineering and a minor in Economics. In addition to being an active member of the Society of Hispanic Professional Engineer (SHPE) chapter at Northwestern, Jesus enjoys playing sports and listening to music.

Coach Michelle Vázquez is the proud SHPE Junior Chapter sponsor and Post Secondary Counselor of Evanston Township High School. This is ETHS's third consecutive visit to the National Science Bowl competition in Washington DC. For fun, Michelle enjoys latin-dancing and Zumba.

"Madam President" would be an appropriate name for Senior Nancy Cardenas, President of ETHS's Latino Quest organization. She is also an active member of the ETHS SHPEjr Chapter. In addition to staying busy in her leadership roles, Nancy is also a dedicated scholar. Her coursework is filled with academic challenges such as physics, AP calculus, and AP

psychology. She earned the highest score possible on the national AP Spanish exam in 2012. Nancy has a strong interest in continuing her passion for Latino culture and is considering a Spanish Language and Literature major with a biology minor in college.

Jean-Luc Walthall is a senior. He is especially proud of his African-American and Puerto Rican heritage. Jean-Luc is an active member of the ETHS SHPEjr chapter and JV/Varsity Gymnastics team. In addition, he currently serves as the treasurer for the Latino Quest organization at ETHS. Jean-Luc's favorite subjects in school are Anatomy-Physiology, AP Psychology, Chemistry, Latin American History, Physics, Sociology, and Trigonometry. Jean-Luc also plays the saxophone, piano and guitar. He plans to study engineering in college and hopes to also one day teach music part-time.

Nikolai Lenney is a sophomore. He is an aspiring engineer who finds great interest in the subjects of science,

especially physics, chemistry, and math. He is a member of the track and field team, and an active member of the SHPE junior chapter that is based in Northwestern University.

Carla Orduño is a sophomore and an active member of the SHPEjr chapter. Carla loves science, music, and asian culture. In addition to song writing, Carla plays guitar, cello, violin and bass guitar. She also loves to draw anima and is learning to speak Japanese. Carla aspires to be a Robotics Engineer one day.

Rosita Palma is a sophomore and an active SHPEjr member. Her favorite subjects in school are biology and English. Her summers have been spent learning about genetics, chemistry, physics and forensic science with Northwestern University's Center for Talent Development (CTD). When not studying science, Rosita can be found volunteering at the Chicago Shedd Aquarium or swimming on the Water Polo Team. Rosita dreams of studying Marine Biology or Veterinary Medicine one day.

Fort Zumwalt South High School

St. Peters, Missouri

Missouri Regional High School Science Bowl, Kansas City Plant

Left to right: Coach Paul Hage, Thomas Cassimatis, Sathwik Katragadda, Jared Counts, Sam Wang, Sree Datla, Coach Leanne Sanders, Coach Andrew Delehaunty



Coach LeAnne Sanders has been teaching physics and advanced physics at Fort Zumwalt South High for seven years. She received both her bachelors degree in biomedical engineering and her masters degree in education from the University of Missouri, Columbia. This is her first year coaching the Science Bowl team for Fort Zumwalt South. She is also an assistant coach for the girls' varsity soccer team.

Thomas Cassimatis is currently a junior at Fort Zumwalt South High School. He is a member of National Honors Society and Empowering Young Men. He is also a part of the South High Swim Team and swam in the state competition for the past two years. Thomas's favorite subjects in school are science and history. He is planning on going to college for a biology or environmental engineering major. Thomas enjoys fishing, the outdoors, and eating.

Jared Counts is a senior, and this is his first year competing in Science Bowl. He enjoys mathematics, physics, and especially computer science. In

his spare time, he programs models of the solar system and destroys it by launching sun-massed objects through the asteroid belt. On other occasions, he's built fabric simulators and rigid body physics engines. For Fort Zumwalt South High, he is captain of Math Team, captain of the Science Bowl Team, programmer for Robotics Team, and he attends Chess Club when he has time.

Sree Datla is a junior at Fort Zumwalt South. He enjoys playing football, video games, and being creative. He is in National Honors Society, Science Bowl, and plays tennis. His favorite subjects are AP Biology, advanced physics, and AP Chemistry. He plans on going to medical school, and becoming a neurologist. He is ambidextrous and has traveled to 14 states and 6 countries.

Sathwik Katragadda is a junior at Fort Zumwalt South High. Sathwik's hobbies include playing tennis and video games with friends. His favorite subjects in school are math and science, especially chemistry and physics. He

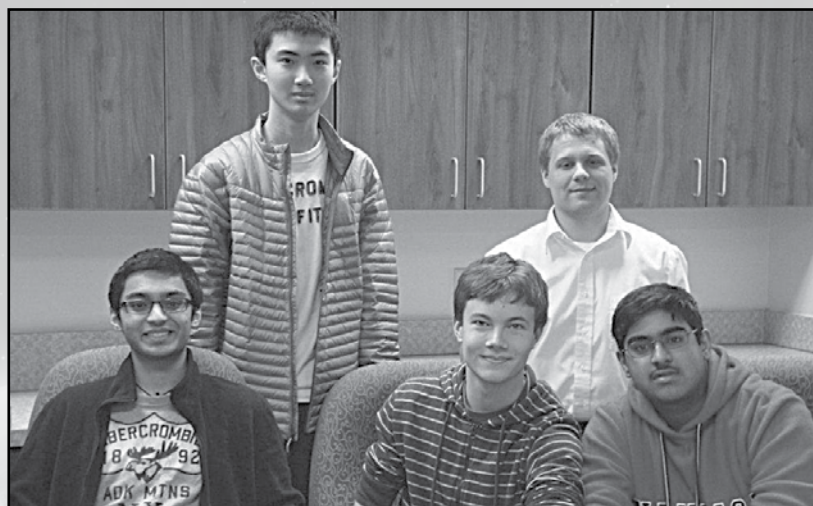
hopes to go to medical school one day and become an anesthesiologist. Currently, Sathwik is studying for his AP exams at the end of the year and he hopes to earn a high score on all of them.

Sam Wang is a junior at Fort Zumwalt South High School. In addition to participating in after-school activities such as Math Club, Chess Club, Robotics Club, and National Honor Society, he enjoys computer programming, playing the violin, and video gaming with friends. His favorite subjects include mathematics, computer programming, and chemistry. He enjoys these because of their inherent application of logic and problem solving. He would like to major in computer science and physics, followed by a freelance or entrepreneurial job as a computer programmer or computer scientist. Sam fervently enjoys listening to classical music.

Gatton Academy of Mathematics and Science

Bowling Green, Kentucky

Western Kentucky Regional Science Bowl, DOE Portsmouth/Paducah Office



Left to right: Jeet Parekh, Samuel Dong, Samuel Saarinen, Coach Chad Phillips, Sibi Rajendran

Coach Chad Phillips is the Assistant Director of Admissions and External Relations at the Gatton Academy. This is Chad's first year at the Gatton Academy and as coach of the Gatton Academy Science Bowl team. He holds an undergraduate degree in chemistry and political science from Western Kentucky University's Honor College and M.P.A. from Western Kentucky University. Chad is active in the Bluegrass Chapter of the American Society for Public Administration and advises a local college fraternity.

Sibi Rajendran is currently a senior at the Gatton Academy. He plays on the ultimate frisbee club team. Last summer, Sibi conducted genetics research at the University of Kentucky. In the fall, Sibi will attend either the University of Kentucky or John Hopkins University pursuing a degree in biology. After his undergraduate studies, Sibi intends to earn his M.D. and work in the field of neuroscience.

Sam Saarinen is currently a senior at the Gatton Academy. He is active in the Gatton One Laptop per Child

Initiative and Boy Scouts of America. During Sam's time at the Gatton Academy, he has conducted research on the applications of knot theory at Western Kentucky University. Sam also plays on the Academy's soccer and ultimate frisbee teams. In the fall, he will be pursuing a degree in mathematics. Eventually, Sam would like to work as college professor.

Sam Dong is currently a senior at the Gatton Academy. He is active in the computer science club. Sam conducts applied physics research at Western Kentucky University. Next fall, Samuel will be pursuing his undergraduate degree in computer science. After finishing his undergraduate studies, Samuel intends to begin his career as a computer scientist.

John Biechele-Speziale is currently a senior at the Gatton Academy. He conducts analytical chemistry research at Western Kentucky University. Last semester, John traveled to Taiwan to work on an international research team. In the fall, John will attend Western Kentucky University pursuing

a degree in chemistry. John intends to earn his doctorate in chemistry pursuing a career in academia and research.

Jeet Parekh is currently a senior at the Gatton Academy. He is active in the science club and plays on the tennis team. Jeet conducts research on number theory and its applications. Next fall, Jeet will be pursuing his undergraduate degree in mathematics. After finishing his undergraduate studies, Jeet intends to pursue a career in mathematics.

Glastonbury High School

Glastonbury, Connecticut

Connecticut Regional Science Bowl, University of Connecticut School of Engineering

Left to right: Coach Howie Breinan, Kashish Hora, Bob Rudolph, Brendan Pease, Kait Chowdhary, Anu Mathur



Coach Howie Breinan has been teaching chemistry at Glastonbury High School for 15 years. When not busy with Science Bowl, he coaches cross country, which fits in with his interest as an avid trail runner. He received his B.S. and M.S. in Materials Science and Engineering at Stanford University, then earned a Ph.D. in Medical Engineering from the Harvard/MIT Division of Health Sciences and Technology. Dr. Breinan enjoys nature and tries to figure out how things work and how to fix them around his home. He is also an active leader in Congregation Kol Haverim.

Brendan Pease is a senior. His favorite subjects include biology, American history, and music. After graduation, he plans to pursue a degree in biology and a minor in music. Outside of Science Bowl, he participates in Science Olympiad, Debate, and plays trombone in various music ensembles. In his free time, he enjoys reading and practicing trombone and piano.

Bob Rudolph is a senior. He

works as a programmer for American Railway Technologies, and enjoys adding modifications to his car in his free time. Bob will attend Carnegie Mellon University in the fall, where he plans to major in electrical engineering and robotics. He is captain of the high school's FIRST Robotics team, and a member of the Math Team, BEST Robotics team, JETS team, and Outdoors Club.

Kaitavjeet Chowdhary is a senior. He enjoys biology, chemistry, and earth science. Kaitavjeet's interests in biology have led to him to become a USABO Semifinalist, and to present his biology research at the Connecticut State Science Fair and JSHS competitions. A well-versed speaker, he serves as president of the Model UN club and captain of the Debate Team. Kaitavjeet enjoys playing euphonium and tennis in his free time, as well as occasionally showing off his jumping skills. He plans on eventually earning a combined M.D.-Ph.D. degree and becoming a physician-scientist.

Kashish Hora is a senior. His

favorite subject is math, and he has participated in ARML and attended the Canada/USA Mathcamp. In his free time, Kashish plays the guitar. His favorite animal is the emperor penguin and one day he hopes to have a pet cheetah cub. Next year, he will be studying finance and computer science through the Jerome Fisher M&T Program at the University of Pennsylvania.

Anubhuti Mathur is in the tenth grade. She participates in her school's Debate Team and Math Team. In her spare time she enjoys reading, biking, and playing the piano. Her favorite subjects are biology and chemistry. In the future she hopes to go to medical school and become a pediatrician. If Anubhuti could go back in time and meet anyone, she would choose to meet Anne Frank because The Diary of Anne Frank is one of the most influential books she has ever read.

Hanford High School

Richland, Washington

Pacific Northwest Regional Science Bowl, Pacific Northwest National Lab/DOE Site Office



Left to right: Front Row Chenguang Li, Sathvik Ramanan, Sean Thompson, Jonah Bartrand, Coach Brian Palmer, Sriram Katipamula

Coach Brian Palmer has been the coach of the Hanford Science Bowl team since 2000 as well as coordinating the annual Science Fair. He has been teaching at Hanford since 1998 and has taught every non AP class in the science department at least once during that time. He graduated from Boise State University with a B.S. in Biological Science and has also finished his M. Ed. at Heritage University. A father of twin daughters in college, Brian enjoys the quiet of an empty nest as an opportunity to catch up on his Tom Clancy reading and helping plan out the garden for the upcoming season.

Jonah Bartrand is a junior. Jonah strives for perfection in every possible way. Not only does he take an extraordinary amount of AP classes, he also participates in Math Team and Knowledge Bowl in addition to Science Bowl. He spends every possible moment of his life learning. Jonah is well versed in almost every single subject and is therefore a human encyclopedia. He helps other students out by explaining concepts to them that they don't

understand. Jonah is a dream student and is loved by both the staff and the students.

Sriram Katipamula is a very involved person that participates in an array of different activities and clubs. In addition to Science Bowl, he participates in Knowledge Bowl, Key Club, Recycling Club, and National Honor Society. He also works as a research intern at the Pacific Northwest National Laboratory. He does all of this while taking a variety of AP classes and achieving high grades. His favorite subjects include Chemistry, Biology and Mathematics. He intends to major in Chemical Engineering.

Chenchen Li is a junior. Her interests include art and music, and her two favorite mediums for the former are charcoal and the Etch-a-Sketch. She's the managing editor of the school newspaper, a violinist in both her school orchestra and the local Mid-Columbia Symphony, and the leader of her church youth group's band. Chenchen also plays the piano, and qualified for the state Solo and Ensemble competition for both a piano solo and a strings small ensemble.

Her favorite subject is biology; she wants to eventually work in a medical field.

Sean Thompson is a sophomore. Sean is taking Chinese 2, Calculus BC, AP Environmental Science and Sound Engineering. Of these classes the one he enjoys most is calculus. Aside from these activities Sean is a member of Hanford's varsity tennis team during the season, and attends a racquet club during the off season. Furthermore, Sean spends several days each year fishing for trout and salmon. Sean is an avid reader of sci-fi/fantasy books during his free time. Sean has considered pursuing a career in chemistry, following his father.

Sathvik Ramanan is a junior. In addition to Science Bowl, he is involved in a variety of clubs including knowledge bowl, key club, and DECA. Sathvik is a fan of calculus and biology. He has visited CERN and has competed at the Intel ISEF. He is also a varsity tennis player, an NBA enthusiast, and a ping pong aficionado. Sathvik hopes to do biomedical research. His spare time is devoted to playing chess, speed cubing, and above all else: watching movies.

Helena High School

Helena, Montana

Big Sky Regional Science Bowl, Western Area Power Administration

Left to right: Katie Chamberlain, Joe Whitney, Bridger Howell, Thomas Culver, Mark Sargent, Coach Jerry McCarthy



Coach Jim Schulz grew up in the tiny cowtown of Drummond, Montana, population 300 souls including four legged critters. He has taught school for 33 years and in that time has had many adventures and honors. These include NSF Teacher in Antarctica, NSF Teacher in the Grand Canyon, Montana History Teacher of the Year, MEA Montana Teacher of the Year Runner-Up, Helena Teacher of the Year, AAPG Earth Science Teacher of the Year and Disney Middle School Science Teacher of the Year. He is honored to be accompanying five of the coolest students he has known to the National Science Bowl.

Thomas Moss Culver is a senior. While one might assume that Thomas has a great passion for science, Thomas sees the subject as more of a hobby, preferring the enthralling subjects of history and geography. In his leisure time, Thomas spends a significant amount of time in Montana's beautiful outdoors. He feels that it is important to mention that he is a cat guy and not much for skydiving.

Mark Sargent is a junior and is interested in physics, chemistry, music, math, astronomy and engineering. This is his 3rd year in Science Bowl and his second trip to Nationals. Along with participating in Science Bowl he is in the Band, has been to the FIRST World Robotics competition and has competed in the National Science Olympiad. He plans on attending college for math, engineering or physics. He spends many weekends in the winter up at the ski hill enjoying the moguls.

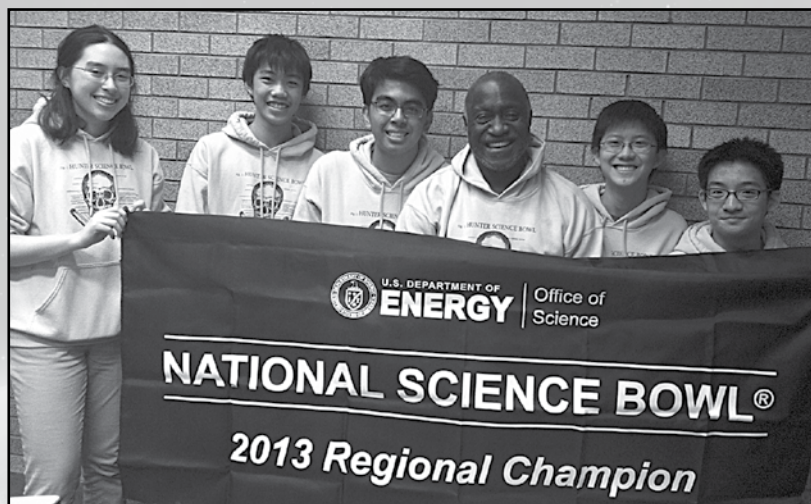
Joe Whitney is a junior at Helena High School who is interested in science and especially robotics. He has been involved in taking or teaching robotics classes since third grade. Throughout all of high school he has competed in multiple robotics competitions and even made it to the world level. Besides Science Bowl and Robotics he is also a Boy Scout. He plans to attend college in Montana for a degree in robotics. He enjoys programming, the outdoors and hanging out with friends on Bro-days.

Bridger Howell is a junior attending Helena High. He has taken interest in computers since the age of 3. He has programmed since the fourth grade, and is currently taking CISCO and Computer Science and has participated in numerous programming and robotics competitions. He is interested in pursuing a career relating to science, technology and math at a college in Montana.

Katie Chamberlain is a senior who loves math and astronomy. When she is not busy doing her math homework, she's often filling up her writing notebook or is reading for European History or Literature, which takes a surprising amount of time. Katie loves hiking and going on picnics, but sadly she can only do so when there isn't a ridiculous amount of snow on the ground. She also loves drinking tea and watching clouds while doing yoga, but that's just a pastime.

Hunter College High School

New York, New York
SHPE NYC Regional Science Bowl



Left to right: Sarah Hamerling, Alexander Chan, Omar Khan, Coach Asumana Jabateh Randolph, Dean Deng, Stephen Leong

Coach Asumana Randolph joined Hunter College High School faculty in 1993. Asumana also mentors students and former students of Hunter who are involved in the I-HELP Liberia Project, a project that works to enhance science education in Liberia. In addition to his work in science for under-developed African countries, he is also the advisor of the African Youth Association of USA, board member of the Liberian Mandingo Association of New York, and board member of the United Nimba Citizens Council. He founded “Foundation Academy Day-Care and Elementary School-Liberia.”

Omar Khan is a junior. His favorite subjects are chemistry and biology. He did research the previous summer at New York University Medical Center in epilepsy lesion detection, has volunteered at St. Lukes-Roosevelt Hospital, and has attended the Columbia SHP program for two years. In his free time, he generally crams for AP Latin, reads Scientific American and tries to understand Haruki Murakami's works.

Stephen Leong is a junior. He is passionate about biology and chemistry. Stephen currently conducts research in neurology at the Icahn School of Medicine, and looks toward the Intel ISEF competition next year. He volunteers at Mount Sinai Medical Center and attends Columbia SHP. In his free time, Stephen plays Ultimate, reads the New England Journal of Medicine, and devours books by Gabriel Garcia Marquez.

Dean Deng is a sophomore. He enjoys math and Earth science and has participated in competitions such as ARML, AIME, HMNT, and the NACLO invitational round. He is currently working as an intern at Cornish Labs in Columbia University on the directed evolution of yeast. Dean is also passionate about piano and musical, having won prestigious awards in both areas and performed in venues including Carnegie Hall and Merkin Hall in Lincoln Center. When he has spare time, Dean likes to cook, procrastinate, and agitate everyone around him by reciting Kurt

Vonnegut's “Cat's Cradle,” repeatedly.

Sarah Hamerling is a sophomore. She enjoys biology and physics, as well as math, chemistry, and linguistics. She is a member of the math and history bowl teams, and has previously qualified for the NACLO invitational round. She conducts vascular biology research at New York University Medical Center and attends Columbia SHP. In her free time, she plays violin, makes chainmail (armor, not spam), and rereads Calvino and Borges short stories for the nth time.

Alexander Chan is a sophomore. He enjoys astronomy and physics, as well as computer science. He has conducted research in modeling land covers at The City College of New York and attends Columbia SHP. He is the Senior Investment Researcher of the Hunter Microloans Club. He is also on his school's track and field team. In his free time, he mods video games, learns trivial facts on Wikipedia, and can often be found leafing through a collection of Donald Barthelme's short stories.

Huntington High School

Huntington, New York

Brookhaven National Laboratory/Long Island Regional Science Bowl

Left to right: Coach Lori Kenny, Marc Feldman, Brian Gilbert, Jacob Roday, Aron Coraor, Coach Dame Forbes



Coach Lori Kenny has enjoyed the teaching profession since 2005. Prior to starting her teaching career at Huntington HS, she worked as a research scientist at Cold Spring Harbor National Laboratory. Ms. Kenny holds a B.S. in Biology from St. Michaels University, a M.S. in Biology from Adelphi University and M.S. in teaching from C.W. Post University. She enjoys windsurfing, gymnastics, skiing, and foremost: science. Science is the spice in her life and she can be found working with students and planting the seeds to their scientific success every chance she gets.

Coach Dame Forbes has taught AP chemistry since her very first teaching assignment. Mrs. Forbes holds both a B.S. and M.A.T. from Howard University and is currently completing her degree in Education Administration from Stony Brook University. She is currently teaching AP chemistry, Regents chemistry and science research. Mrs. Forbes is a visiting scholar in the Department of Chemical Engineering at Columbia

University and will be spending the summer in Southeast Asia, where she will be leading professional development and workshops for faculty and students.

Jacob Roday is a senior. One of Jacob's biggest interests is in science of all kinds; however he also enjoys scuba diving, cooking, model rocketry and playing video games. Jacob enjoys his internship with one of his coaches, Mrs. Kenny, where he mentors underclassmen taking science research. Upon completing college he plans on becoming a full time research scientist. Jacob is hoping to attend the University of Rochester. Jacob is a highly motivated person who enjoys intellectualism, problem solving, spending time with his friends, and generally having fun.

Aron Coraor is an eleventh grader. His interests include hiking at local parks, browsing art museums, and working in the Stony Brook petrology laboratory. He is not certain as to which college he would like to attend in two years, but plans to major

in either two science fields, or one science field and applied mathematics. He would like to become a professor at a research university.

Brian Gilbert is a junior. His favorite activities include playing tennis and the viola, occasionally at the same time. His favorite subject is physics, which he will study in college. He has two cats and a dog. His likes include striped shirts and mint chocolate chip ice cream. His dislikes include jigsaw puzzles and people who pronounce the "t" in "often." He is very excited to participate in his first National Science Bowl!

Marc Feldman is a junior. Typically found with one of his signature sweatshirts, Marc is known to make a joke or too, most often without many laughs in response. His favorite subject is math. Marc enjoys the finest things in life: candy, math and science. Marc enjoys serving his community through various clubs in school and community service out of school. Marc knows one thing about his future: he just wants to be happy.

Idaho Falls High School

Idaho Falls, Idaho

Idaho Regional Science Bowl, Idaho National Laboratory



Left to right: Jackson Barber, Jared Anderson, Katie Caspary, Eric Clinger, Jacob Bryan, Coach Barbara Nelson

Barbara Nelson has a B.S. in biology and a M.S. in genetics from the University of Washington. While in graduate school, she fell in love with teaching and now loves teaching high school students. She has been teaching for 13 years and is currently teaching chemistry and AP chemistry at Idaho Falls High school. Her hobbies include running and keeping up with two teenage boys.

Jared Anderson is a senior and after graduation plans to attend the University of Utah in Salt Lake City. Jared co-captains the Idaho Falls High NSB team, and serves as vice president for the Spanish Club and IFHS's Gay-Straight Alliance. He speaks two languages, English and Spanish, and is working on Portuguese, as well as having a plan to study French. Outside of academics, Jared loves to draw and write songs. He considers Billy Joel the best classic rock musician, sushi is his favorite food, Apple Bloom is his favorite pony, and his favorite color is indigo.

Katie Caspary is a senior. She's particularly interested in community

service and enjoys volunteering at two local hospitals. She also enjoys being a Ben & Jerry's recycling club member, a nifty knitter at Eastern Idaho Regional Medical Center, a Red Cross Blood Donor and Red Honor Cord member, and being the assistant junior high soccer coach. She plans on being a nursing student at Pacific Lutheran University in the fall, later becoming a CRNA (nurse anesthetist). Katie also plans on taking a medical mission to Ecuador during PLU's January term.

Eric Clinger is a senior who serves as Student Body Vice President and enjoys participating in debate, the Technology Student Association, the Boy Scouts of America, and National Youth Leadership Training-Cedar Badge. He plans on attending BYU in the fall and major in computer engineering. He also enjoys long walks on short beaches, stallions and the color chartreuse.

A sophomore, Jackson Barber adores the sciences and takes whatever AP classes he can arrange in his schedule. Last year he challenged the AP Chemistry and AP Biology tests, scoring

5 on both examinations. He speaks French and will devour any book placed before him. He practices writing as a hobby. Jackson loves to bike, hike, swim, camp, and do pretty much any and all sports that involve the mountains. He is currently interested in many liberal arts colleges and the Ivy League schools. After graduating, he plans to pursue a career in film directing, screenplay writing, and novel writing. He is involved in multiple service clubs.

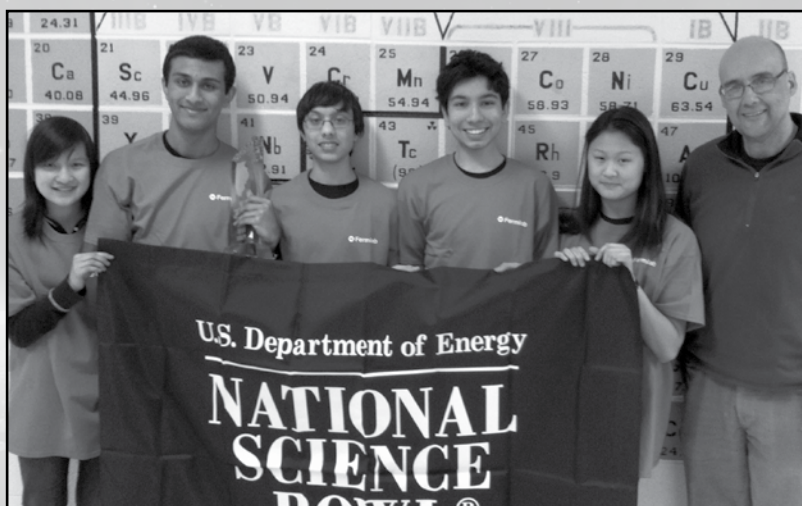
Jacob Bryan maintains a weighted GPA of 4.2 by taking eight AP classes. He has participated in many extra-curricular activities including Boy Scouts, Honor Society, Idaho Science and Aerospace Scholars, Outdoor Club, and a term as Technology Student Association State President. Next year he will study mechanical engineering at the University of Utah with a full ride presidential scholarship, and National Merit finalist honors. Jacob plans pursue a career in the aerospace field, ideally with NASA or SpaceX. In his free time he enjoys rock climbing, backpacking and reading.

Illinois Math and Science Academy

Aurora, Illinois

Illinois State Regional, Naperville North High School

Left to right: Cammille Go, Saieesh Rao, Siva Gangavarapu, Abhishek Sethi, Zi-Ning Choo, Coach Peter Clancy



Abhishek Sethi is a junior. His favorite subjects are math and chemistry. He is primarily involved in math team, Science Olympiad, and Science Bowl. He is involved in a math organization; he holds workshops in order to teach middle school children some competitive math tricks. He enjoys teaching because it gives him an opportunity to give some knowledge back to the community and be able to appreciate and assess his own learning. Abhishek loves to watch and play sports with his friends, especially basketball, football, and tennis. His role-model athlete is Roger Federer. He has also been musically-oriented, as he has played piano for eight years and tabla (Indian drums) for three years. He is planning to become a chemistry major in college and explore possible careers in a medicine related field.

Cammille Go is a sophomore. Her interests are split between science and math, with a slight leaning towards topology and organic chemistry. She has developed a fondness for deriving equations on tests due to a

poor memory. Naturally unathletic and clumsy, she enjoys running and playing badminton. When she is not studying or playing an obsessive amount of card games, she can usually be found doing her favorite activity: sleeping.

Besides playing in Quiz Bowl and Science Bowl, senior Saieesh Rao also participated in the U.S. Chemistry Olympiad, where he earned Top 50 recognition last year. Saieesh enjoys landing drop shots at badminton club, winning TEAMS competitions, and devising new stories to explain his dubious missing tooth. Saieesh also enjoys Korean pop; although his skin tone is a tad dark. Saieesh intends to pursue a career as a medical researcher, professor, or surgeon, and in his dreams he secretly hopes to live a fulfilling enough life to be choice Y in a multiple choice question read during the final round of the 2095 National Science Bowl.

Somewhere in the Midwest, in a place named Aurora, Junior Siva Gangavarapu lives in the dorm

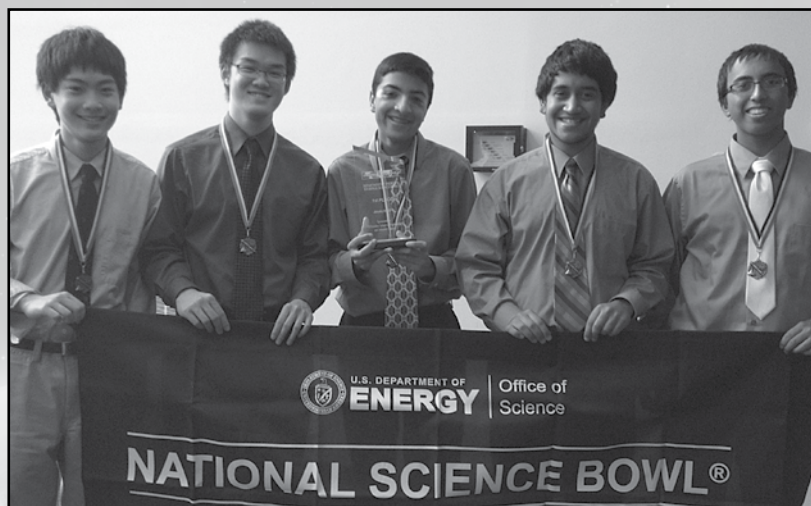
rooms of the Illinois Math & Science Academy. Siva grew up eating his favorite foods such as Bhel Puri and Swiss cheese. In addition to competing on IMSA's tennis team, Siva also undertakes in such competitions as TEAMS and Brain Bee. Being a Junior, Siva does not have too many plans for college, although he plans to study biology or medicine.

Senior Zi-Ning Choo has been involved in various clubs at IMSA. As president of the IMSA chapter of Key Club, she can usually be seen making peanut butter sandwiches for the homeless during her midday break. Zi has honed her muscles during her three years as part of IMSA's varsity girls' soccer team, and she regularly medals at State for Science Olympiad. Zi enjoys watching sitcoms such as "The Big Bang Theory" and "Modern Family," and writing lyrical odes to her favorite vegetable, the potato, which she adamantly refers to as a modified stem. Zi hopes to pursue a career in bioengineering and will likely attend either Yale or MIT in the fall.

James Madison Memorial High School

Madison, Wisconsin

Wisconsin Regional Science Bowl, Milwaukee School of Engineering



Left to right: Coach Sowmya Partha, Brian Luo, William Xiang, Sohil Shah, Srikar Adibhatla, Thejas Wesley

Coach Sowmya Partha is the Chief Data Officer at the State of Wisconsin, Department of Agriculture, Trade and Consumer Protection. In addition to being the science bowl coach, she is also the coach for the MATHCOUNTS team. She lives with her husband, Shashank and sons, Samik & Sanil. Sowmya is passionate about technology and working with kids. She continues to be amazed by talented young adults and their ability to absorb information around them and interact with technology to better themselves and others.

Sohil Shah is a senior. His favorite subjects in school are math, chemistry and physics. Sohil currently attends the University of Wisconsin for his math and science courses. He is also an AP National Scholar, a former MATHCOUNTS State Champion, the 2011 Wisconsin Mathematics Talent Search Winner, and a Siemens Regional Finalist. Sohil is also an avid sports fan, and enjoys playing basketball and tennis. Currently, he is not sure where he will be going next year, but he is hoping to go to

the University of California, Berkeley to study pre-medicine.

Thejas Wesley, a senior, is involved with Cross Country and Track, and will continue to run recreationally after high school. One of his proudest accomplishments is completing two engineering research internships at University of Wisconsin-Madison. He also enjoys volunteering with West Madison Youth Special Olympics and MATHCOUNTS, and loves to play the trumpet in Jazz and Pep Bands and Wind Ensemble. He intends to major in chemical engineering.

William Xiang, a senior, is especially thankful to his high school science and math teachers for furthering his knowledge and development in their respective fields. Aside from the Science Bowl, William also is a regular participant in the Science Olympiad competitions. Outside of school, he has pursued his scientific interests in a summer research internship with professors at the Materials Science Center on the University of Wisconsin-Madison campus. William plans to

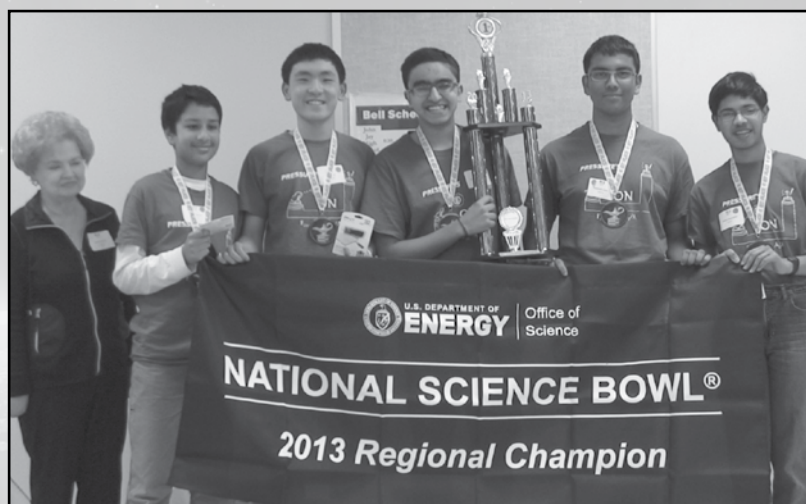
pursue a degree in either mathematics or biology. In his free time, he enjoys playing tennis and performing the violin.

Srikar Adibhatla is a senior. He is a part of his high school's Cross Country and Tennis teams. This past summer he participated in an ecology internship through the Summer Science Institute where he did research on the behavior of Badger Mill Creek in Verona, Wisconsin. He plans to major in chemistry and pharmacology and toxicology at the University of Wisconsin-Madison in hopes of becoming a doctor.

Brian Luo is a sophomore. He enjoys science very much, especially fields such as chemistry and physics. Outside of school, Brian engages in a wealth of activities including cross-country, tennis, MATHCOUNTS coaching, drama, debate, and forensics. He was one of the winners of the 2011 Van Vleck Scholarship for University of Wisconsin Math Talent Search. Brian's other interests include chess, music, and sports.

John Foster Dulles High School Sugar Land, Texas Booz Allen Hamilton High School Science Bowl

Left to right: Coach Judy Matney, Aman Patel, Kevin Li, Rishiprotim Nag, Siddarth Guha, Rahul Nagvekar



Coach Judy Matney has been the Science Department Head for the past 38 years for John Foster Dulles High School and Physics AP-C teacher. She holds a M.S. and B.S. from the University of Texas at Austin, in Mathematics and Chemistry. She has received many awards over her life-time career. A few include the following: 2008 Texas Exes Award for Outstanding Teachers for the State of Texas, 2000 Seminole Pipeline Teacher Achievement Award, 1997 College Board Advanced Placement Special Recognition Award, and many others.

Siddarth Guha is a sophomore whose favorite subjects include all of the three major sciences, but especially biology. He has competed in USABO and USNCO, as well as AMC and AIME. Siddarth enjoys catching up on politics and current events, reading high fantasy novels, practicing piano, playing tennis, and drawing (mostly biology related). He would like to attend an Ivy League university and major in biology with a minor in economics.

Kevin Li is a junior. He enjoys learning calculus and chemistry and is a part of Red Cross, Student Council, and Mu Alpha Theta. Besides National Science Bowl, Kevin competes in UIL (University Interscholastic League) and Science Olympiad contests. He loves playing many sports such as tennis and ultimate frisbee. Kevin also volunteers weekly as a tutor in mathematics and science. As for college, he plans on majoring in chemical engineering.

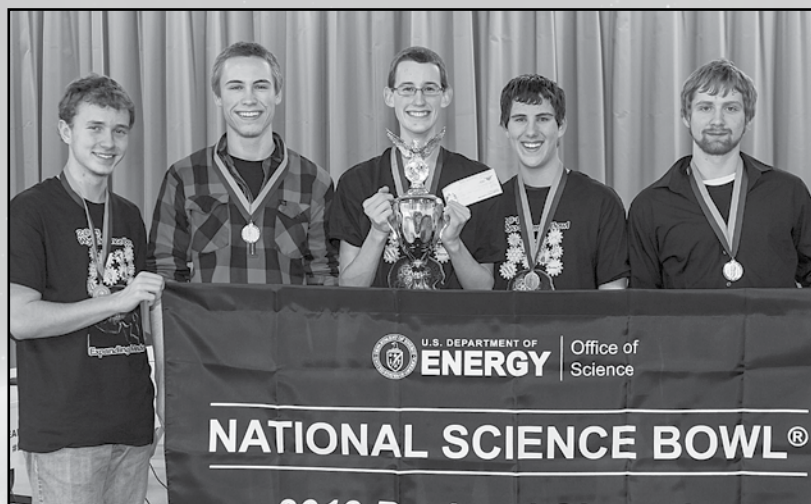
Rishiprotim (Rik) Nag is a sophomore. He is often seen volunteering for the Red Cross and Spanish Honor Society and also helps coach the math students at the local middle school. In addition, Rik partakes in leadership organizations, including the Missouri City Mayor's Youth Commission and the Student Council. A competitive mathematician, he has attained success in competitions such as MATHCOUNTS, AMC, AIME, and ARML and is also a current member of two state champion school teams.

In his free time, he enjoys playing the piano and playing basketball at the local league.

Rahul Nagvekar is a ninth-grader who enjoys participating in various math and science competitions. He plays the piano and volunteers on most weekends to present exhibits at the Houston Museum of Natural Science. Rahul's favorite subjects in school include math, physics, chemistry, as well as the foreign language he studies, which is Spanish. He is excited to be making his third trip in a row to Washington D.C. for the National Science Bowl.

Aman Patel is a ninth grader. Aman is a competitive tennis player and swimmer. He also plays cello. He is a member of the Mu Alpha Theta and the Spanish Honor Society. In addition to NSB he competes in several other academic tournaments such as Texas math and science and UIL tournaments. He volunteers his time at a stroke support group and at the Houston Museum of Natural Science.

Kelly Walsh High School Casper, Wyoming Wyoming Science Bowl, DTunison LLC



Left to right: Gabriel Miller, Zackery Fullerton, Alan Hatlestad, Ian Moffett, Alexander Olson

Coach Paul Kasza received teaching certifications in Physics and Earth Science. He teaches physics, but has also taught earth science and astronomy. Beside working with his school's Science Bowl and Science Olympiad teams, he enjoys staying active in church, giving trumpet lessons, and getting outdoors with his two Westies through soccer, ultimate Frisbee, backpacking, cross country skiing, and snowshoeing experiences. Both science fact and fiction books, movies, TV shows, and video games are activities he likes to spend time on when he's not planning lessons for school.

Ian Moffett has been a member of the Science Club for four years and he co-founded the Math Club. Ian has taken all the AP and Honors science and math courses offered at his local High School and some at his local community college. Twice Ian went to Space Camp at the Marshall Space Center in Huntsville, Alabama – once in 2005 and once in 2011. Through the Casper Planetarium, his work place,

Ian had the opportunity to present astronomy programs via the Uniview system. Ian is going to be the first man to walk on mars.

Gabriel Miller, a junior, is thrilled to be at the national Science Bowl competition. Along with his interests in the sciences, he is an avid musician. He plays both clarinet and saxophone, and recently participated in the All-Northwest Music conference on clarinet, as well as the Wyoming all-state orchestra and all-state jazz band. He participates in a variety of groups, including the Science Bowl, honor society, Audubon society, and a variety of bands. He would like to double major in music and astrophysics.

Alan Hatlestad is a senior and has participated in the Science Bowl each of the last four years. Most of his life is somehow centered around science. Since junior high, he's been a member of two science clubs and three math clubs, in addition to coaching one. In high school, he took 21 science classes and 6 math classes. His hobbies include hiking, caving, and stargazing.

He will be going to the University of Wyoming in the fall to study physics and astronomy. He does not like sports.

Senior Zack Fullerton's interests and hobbies are the study of the sciences, as well as outdoorsy activities. Zack Participates in track as a runner and pole-vaulter. Obviously, he is involved in the science department at Kelly Walsh High School such as the Science Bowl/Olympiad teams. Zack's favorite subjects in school are chemistry as well as anatomy. His plans for college are Pullman University in Washington State. There he plans to study neuroscience, chemistry, and physics. As a graduate Zack wants to be a neurological engineer. Career goals include: surgically implanting memories, building process of objects from the microscopic level to macroscopic level. Some interesting facts about Zack are his mechanical creations like the dune buggy he built from the ground up two summers ago. Also, he is a wiz at whistling. That's pretty much Zack in a nut shell.

Lakewood High School

Lakewood, Colorado

National Renewable Energy Laboratory Regional Science Bowl

Left to right: Peter Kim,
Jacob Stufflebeam, Tommy
Fan, Elijah Veal, Tyler
Middleton, Coach Don
Cameron



Coach Don Cameron has been a teacher for 11 years and coached Science Bowl teams each of those years. Prior to teaching, Cameron was an engineer in the semiconductor manufacturing business for companies such as IBM, Lockheed Martin and Storage Tek. He is an active bicyclist, riding a few thousand miles a year commuting to school. He was an active Ultimate Frisbee player and in the late '90s went to National and World competitions at the Master's level. His hobbies now include gardening, reading, and stumping for local political causes. He is a graduate of University of Colorado at Denver with an M.S. in Curriculum and Instruction, and has a B.S. in Material Science Engineering from Northwestern University.

Jacob Stufflebeam is a senior. He loves the physics and E&M topics that show up in Science Bowl. Jacob would like to study theoretical physics in college. His long-term plans are to obtain a Ph.D. in physics and then hopefully earn tenure at the age of 28. He participates in Science Bowl

and plays soccer. Jacob is also a baller, perusing the courts of Littleton in his strive to become the best basketball player in the district. An interesting fact about Jacob is that he is ambidextrous and can write physics equations with both his left and right hands.

Indigo Veal is a senior and an avid member of the Latin Club, Gay-Straight Alliance, and Quiz Bowl, along with Science Bowl. His favorite subjects are math, physics, literature, and photography. He currently interns for Lockheed Martin on the GOES-R satellite and is a member of Lakewood's HUNCH team working with NASA on the Hydrofuge Project. He loves to learn languages, primarily Latin and Greek. He wants to major in engineering and linguistics.

Hung-Jin "Peter" Kim is a senior, Eagle Scout, 4th degree black belt in Tae Kwon Do, and a tennis player. Peter hopes to become a cadet at the United States Air Force Academy to study mechanical engineering and biochemistry. He hopes to become a

biomedical engineer and serve for the military. He plays the piano, volunteers at a hospital, as well as plays tennis with his friends.

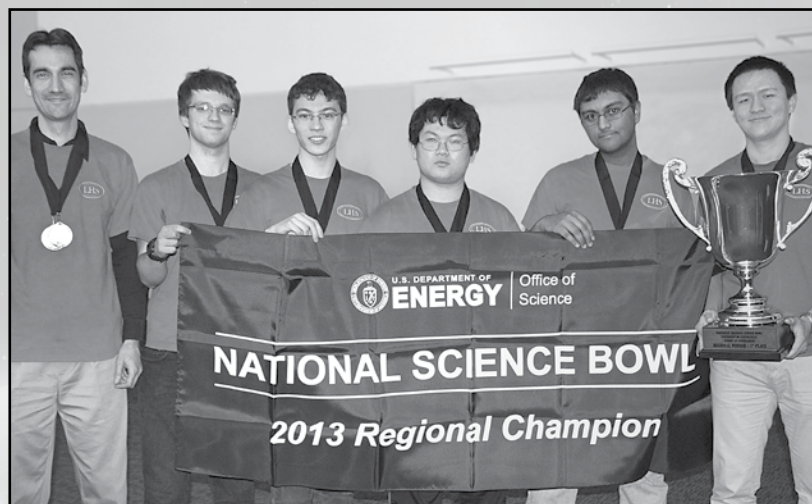
Tyler Middleton is a junior. He is most interested in Physics and Chemistry, which are highly related to his hobbies. He participates in FIRST robotics in the winter and enjoys building things related to physics and performing various chemical experiments. His goal for a career is one that he enjoys and also provides enough for a comfortable life and his expensive hobbies.

Le Cheng "Tommy" Fan is a senior. Next year, Tommy is going to college at Stanford to study math and economics; his long-term goal is to earn an MBA or a graduate degree in mathematics. Aside from participating in Science Bowl, he is also involved in National Honor Society. Outside of school, he occupies his time playing and watching basketball. Tommy also likes listening to music, especially that of the hip-hop variety.

Lexington High School

Lexington, Massachusetts

Northeast Regional Science Bowl, University of Connecticut School of Engineering



Left to right: Coach Nicholas Gould, Matthew Shorter, Jonathan Tidor, Alan Zhou, Zaroug Jaleel, Peijin Zhang

Coach Nicholas Gould holds a B.A. in mathematics and physics from Colgate University. For the past eleven years, he has taught physics and coached Science Bowl and Science Olympiad at Lexington High School. Additionally, Nicholas also advises the Ping Pong Club where he tries to teach his students how to impart spin angular momentum on neutral orange 40 mm hollow plastic gaussian spherical shells. He rarely gets a charge out of this activity though because his current students lack the capacity for inducing proper spin, and therefore, usually resist his explanations, most often finding them terribly revolting. Nicholas is excited to be returning to the National Science Bowl for the sixth time and is still elated with his students' prior year success in his absence. He was influenced to pursue teaching by both his parents and an enthusiastic college mathematics professor. In addition to teaching, coaching NSB, and subjecting his students to a daily dose of "pun"ishment, he enjoys spending time with his wife, tutoring,

traveling, photography, surfing and playing music.

Zaroug Jaleel is a senior. When he's not busy solving the world's problems through his astute knowledge of alchemy, astrology and underwater basket-weaving he spends his time teaching Kwame Brown and Peijin Zhang everything they know. An avid chess playing mammalian, Zaroug prides himself on being able to spend his time contemplating his superiority over the other inferior classes of the animal kingdom in chess, which has led to his interest in physics. Understanding that a keen interest in Biology is necessary for success in the political science field and realizing that maybe someone reading his biography is likely a person of immense influence and power, Zaroug would like to nominate himself as the next Secretary of Energy.

Peijin Zhang is a senior. Outside of the strenuous world of Science Bowl, Peijin is an avid programmer, researcher, musician and photographer. During his free

time, Peijin enjoys losing himself in a good book, lifting weights, or pulling all-nighters to pursue his study of interactive electronic media. His favorite tertiary color is vermillion.

Jonathan Tidor is a junior. While he is not busy participating in various academic pursuits, he enjoys bowling. His favorite tertiary color is viridian. His favorite quaternary color is indigo.

Matthew Shorter is a senior in with a strong interest in science and engineering. His interest in chemistry was quite literally sparked by studying how things burn and explode. He studies Earth science out of nostalgia for the days in elementary when he spent hours digging holes in the ground. What was he looking for? We'll never know.

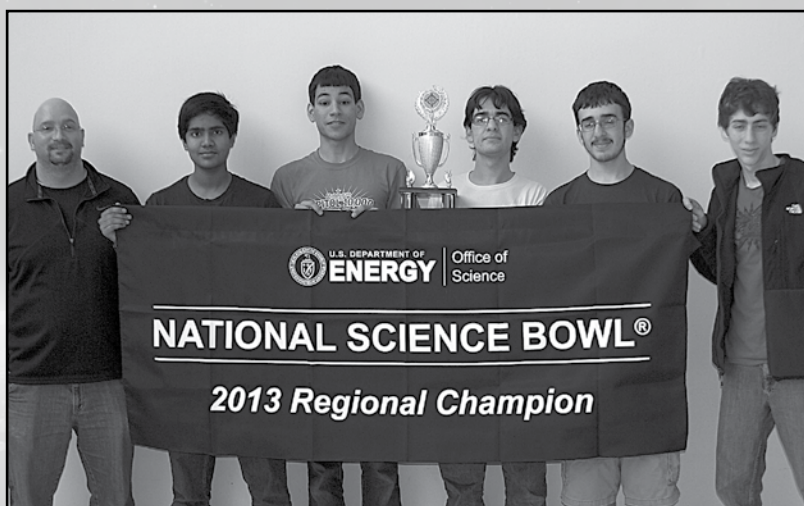
Alan Zhou is a senior. Other activities or hobbies of his include mathematics, Korean national sports, writing terrible bios lacking in subtlety, and losing The Game.

Liberal Arts and Science Academy

Austin, Texas

Texas A&M Regional Science Bowl

Team members: Coach Jacob Stephens, Ben Goldstein, Advait Anand, Sam Grayson, Jonathan Sadun, Allan Sadun



Coach Jacob Stephens has been teaching Computer Science for three years. Prior to teaching he was in the wireless industry for 10 years. Jacob currently teaches three levels of computer science at LASA. Students can continue with independent study beyond these classes. At LASA he has had the privilege to work with talented and motivated students capable of amazing feats. Last year his students won the UIL Computer Science state championship, and this year two students have advanced to the Gold level of the US Computing Olympiad (with many others competing in Silver). He is coaching the Science Bowl team for the first time, and is excited for the trip to nationals.

Allan Sadun, a senior, is attending his third National Science Bowl. The Grand High Poobah of his school's Science Bowl club, he's also a member of LASA's Science Olympiad and Quiz Bowl teams. He plays the piano whimsically and is a big fan of Coursera, the Beach Boys, a card game called Proset (which he'll be happy

to play with you if you find him and bug him), and organic chemistry. He's also been to the International Physics Olympiad and the International Linguistics Olympiad. Please take him up on his offer to teach you Proset.

Benjamin Goldstein (Ben) is super cool. His favorite classes are related to the life sciences (biology, anatomy, and pathophysiology). Ben participates in Science Olympiad, Quiz Bowl, Science Bowl, Bridge Club, and is a rock climber of the most rad variety outside of school. He worked in the Virtual Drug Screening (VDS) lab at UT Austin for the last two summers, but is currently undecided about what college he wants to attend and his intended major. Ben does not know where or what he wants to work on, but thinks that going to Mars at some point would be pretty cool.

Advait Anand is a junior. He is also a member of his school's Science Olympiad and Quiz Bowl Teams, and plays the cello. He is interested in physics, chemistry (polymers!), and astronomy. This is his first time at

the National Science Bowl and he's looking forward to it.

Sam Grayson is an ardent computer programmer. He really enjoys programming, especially in Python. One of the projects he is working on right now includes controlling a robotic arm with a joystick. Science has been one of his favorite things to learn and to compete in. He has many other interests, from successfully leading his Boy Scout troop through the wilds of New Mexico to singing in choirs, whether as part of a volunteer church youth choir or as winner of a spot in the competitive Texas Music Educator's Association Region Choir.

Jonathan Sadun is a freshman. His interests tend toward the more theoretical side of the sciences: some of his favorite topics are math, data structures, and algorithms. He participates in many academic extracurriculars, ranging from the Math Team to Robotics, and also plays the piano.

Lincoln East High School

Lincoln, Nebraska

Nebraska Science Bowl, Wayne State College



Left to right: Isaak Arslan, Akshay Rajagopal, Myan Bhoopalam, Katie Sedlar, Ben Bradley

Coach Kyle Thompson is a chemistry and AP chemistry teacher at Lincoln East High School. He received his undergraduate degree from the University of Nebraska and is currently finishing up a masters degree in applied science from Nebraska as well. In the summer, Kyle also works as a geology field instructor for in-service teachers for Nebraska in which he takes students through Nebraska, Wyoming, and South Dakota.

Ben Bradley is a senior and plans to attend the University of Michigan with a scholarship from the Naval ROTC. From this experience, Ben eventually hopes to become a mechanical engineer. Ben has many interests including playing lacrosse, hockey, Frisbee, and video games. Ben is happy to be attending his third and final Science Bowl tournament with his other two appearances coming in middle school.

Isaak Arslan enjoys a wide variety of activities from academics to sports. In addition to a rigorous course load, Isaak tutors French after

school. He is also a member of the Chess Club. He is excited to return to the National Science Bowl again after his team received 7th place in the 2011 middle school competition. Because of his leadership, character, and citizenship, Isaak was awarded the Spartan Challenge Award. Isaak intends to study computer science and medicine.

Katie Sedlar has been involved in Science Bowl since sixth grade, and this is her 4th time at Nationals. She is also involved in Math Club, Science Olympiad, Speech and Debate, Theatre, FBLA, and Student Advisory Group. She is president of her school's Chess Club. Katie has attended the National Math Prize for Girls competition the past two years, and she is a 2012 National Runner-Up for the NCWIT Aspirations award. Her favorite subject is programming. Katie is graduating as a junior this year, and she plans to major in Computer Science at either MIT or Stanford.

Myan Bhoopalam is a sophomore and this is his third consecutive year at

National Science Bowl. He is an active member of Science Bowl, Science Olympiad, FBLA, Speech, Lincoln Youth Symphony, Math Club, Tri-M, Ambassadors, and Youth Leadership Lincoln. In his free time, Myan enjoys playing basketball, soccer, biking, and his cello. Myan would like to combine his enthusiasm and passion for science in college. He is undecided on his major.

Akshay Rajagopal is a junior and is captaining his school's Science Bowl team for the 5th year in a row. He is making his 4th trip to NSB. As a National Geographic Bee champion in middle school, he still has a passion for geography and hopes to represent USA in the International Geography Olympiad this year. He has attended National competitions in Speech and FBLA. He is an AIME qualifier for the last 3 years and a multi-gold medalist at the state Science Olympiad. He would like to major in biomedical engineering at MIT, Harvard or Princeton. Tennis, cricket and video games are among his pastimes.

Los Alamos High School

Los Alamos, New Mexico

New Mexico Regional Science Bowl, Sandia National Laboratories

Left to right: Willie Zhao, Aaron Bao, Kevin Gao, Alex Swart, Alex Wang, Coach Kathy Boerigter



Coach Lee Goodwin teaches Physics and AP Physics. He also is the coach for the Supercomputing teams. He studied at Western Washington University and the University of New Mexico and has been teaching for twenty years. Mr. Goodwin lives on a small farm in the Rio Grande Valley where he raises bees and provides seasonal produce to local markets and restaurants. The farm supports a breeding program to transfer wild genes into domestic food stocks and a seed bank which distributes seeds worldwide. Other pursuits include astronomy and telescope-making, programming and microcontrollers, and restoring vintage automobiles. Mr. Goodwin enjoys skiing, kayaking, and backpacking.

Kevin Gao is a senior. Kevin's interests include writing, piano, ping pong, FIFA, music by Ellie Goulding, and the number five. He loves soccer and was part of two varsity squads that lost at state. Kevin hopes to play Division III soccer while pursuing an engineering degree. He is currently

employed by the DOE but plans to branch out and co-found a new age pizza chain called "Pizza Boyz."

Aaron Bao is a senior. His favorite subjects include Freudian literary analysis and the history of Croquet. Aaron's love of Nikki Minaj's music, with its emotional explorations into the human experience, has likewise pushed him to greater musicality on trumpet. In addition, the conflicts between the id and ego personified in the Nikki Minaj song "Beez in the Trap" have often inspired Aaron to keep going when running Cross Country. Aaron's other interests include inelastic demand curves, sharpening pencils, and throwing rocks off cliffs.

Alexandr Wang is a sophomore and a proud second-generation Chinese American. Among his favorite subjects are expository writing and Native American mythology. In his endeavors, Alex has often found solace in posing epistemological questions questioning whether the spelling of his name was intentional or not.

Alex's interests include violin, Emma Watson, debate, Scientology, and rap music. Alex hopes ultimately to join Tom Cruise in his religious fervor while founding a bookstore called "eBooks."

Alex Swart is a sophomore. He enjoys all kinds of math and science courses. In addition, he especially enjoys working with computers and other electronics. He enjoys volunteering in his community and actively participates in Boy Scouts. After high school he intends continue with his science passion and eventually enter a science-intensive field.

Willie Zhao is a sophomore. He is a part of the school debate team, and the Science Bowl team. William has always been intrigued by physics, weather, and nature. He likes to find out about current developments in technology and energy. He has no very specific plans for a future career and is still open and interested in several subjects. In his free time, he enjoys hiking and exploring the cliffs and river near his house.

Maine School of Science and Mathematics

Limestone, Maine

Maine Regional Science Bowl, University of Southern Maine



Left to right: Lucy Wilcox, William Popov, Isabelle O'Bryon, Rachel Olugbemi, Roger Van Peski, Coach Debbie Eustis-Grandy

Coach Debbie Eustis-Grandy has an undergraduate degree in Environmental Science from the University of Maine, Fort Kent, and graduate degrees (M.S., Ph.D.) in Ecology from the University of Connecticut. At MSSM Deb teaches university-level courses as well as AP Environmental Science. During MSSM's two-week January Term she leads a field research course in the Bahamas. Deb's hobbies include cross country skiing, Finnish and Swedish, Victorian architecture and house restoration, natural history, glacial geology, and gardening. She also holds a Wilderness First Responder certification.

Belle O'Bryon is a senior. Her favorite subject is biology. Having a love specifically for plant biology, she helps run the school's hydroponic garden which produces basil and lettuce for the cafeteria and several kinds of herbs for students to cook with. Belle plans on staying in New England for college and majoring in biotechnology with a focus in genetics.

Other than doing biology, she likes to go down hill skiing in both Maine and Alaska.

Rachel Olugbemi loves music, reading, hanging out with friends, and her Golden Retriever. She is an avid lover of figure skating, and has been skating since she was seven years old. She is a senior. Rachel plans to continue her education with a major in Chemistry. Rachel is currently a finalist in the National Achievement Scholarship, a semifinalist in the National Merit Scholarship, and a candidate in the 2013 US Presidential Scholarship competitions. Rachel plans on attending college in Massachusetts.

William Popov is a junior. A fluent Russian speaker, he is an avid skier, kayaker, and photographer. William derives the greatest joy from being outdoors and appreciating the beauty of the natural world, a joy that is expressed through his strong interest in astronomy and aerospace sciences.

Roger Van Peski is a junior. His greatest general interests are in

mathematics and physics, particularly number theory, chaos theory, information theory, and biophysics. Roger participates in math team, physics olympiad, and astronomy club at his school. In his spare time, Roger enjoys indulging in recreational mathematics, reading fiction and nonfiction, playing badminton, and hiking. He hopes to study science at MIT, Caltech, or Harvey Mudd, and intends to major in mathematics or physics.

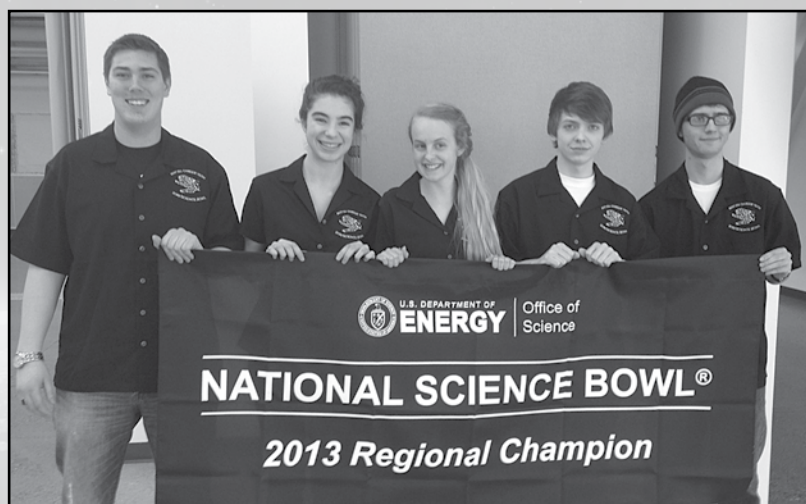
Lucy Wilcox is a senior in high school and intends to study enology and viticulture in college. In school her favorite subjects are the sciences. Some of her favorite clubs are V.E.X. Robotics and Art Club, which has resulted in some quite decorative robots. She also likes playing the mandolin, bicycling, and is a self-taught throat singer. Lucy lives on an operational farm and enjoys the outdoors. During the summer she works at a hydroponics greenhouse and volunteers as a long distance running coach at a local track club.

Mat-Su Career & Technical High School

Wasilla, Alaska

Alaska Regional Science Bowl, Weston Solutions

Left to right: Chris Erickson, Courtney Monroe, Ariel Hasse, Nate Peters-Landlord, Jonah Jeffries



Coach Tim Lundt graduated from Colorado State University with a B.S. in Avian Science and received his secondary teaching certificate in Biological Science. He teaches Physical Science, Biomed, Oceanography, Alaska Wildlife and Science Olympiad. After school he coaches Ocean Bowl, Science Bowl and Science Olympiad teams. He volunteers as the educational coordinator for Alaska Moose Federation, enjoys fishing, hiking, biking, and swimming. Other interesting facts include: being featured in People Magazine in May 1999 with students and an articulated moose and swimming 50 different lakes in one Alaskan summer.

Chris Erickson is a senior. He is very heavily involved in all of the science competitions that Career Tech offers such as Alaska Tsunami Bowl and Science Olympiad. His favorite subjects in school are AP Biology and AP Calculus. Most of his free time is devoted to working part-time at a local grocery store and homework for his high-level classes. He enjoys

hanging out with friends and playing paintball and airsoft. He plans to study geological oceanography at the University of Alaska Fairbanks. With this degree he hopes to better understand the amazing and dynamic world that he lives in.

Courtney Monroe is a sophomore. She is involved in Student Government, Science Olympiad, Ocean Bowl, and Science Bowl. She enjoys singing, playing the piano, watching documentaries, and appreciating her family and friends. Courtney Monroe cannot wait to see the world, and looks fervently to her future and what God has called her to do, to speak to those who have not heard the word of Jesus Christ. She lives by this reminder, Philippians 4:13, "I can do all things through Christ."

Nate Peters is a sophomore who enjoys history and astronomy. He enjoys hunting, playing paintball, riding ATVs, Medieval world history, and modern digital technology. Previously he has competed in Track and Field and Science Olympiad. He

plans to start college somewhere in the continental United States. He aspires to work as a graphic artist, a college professor of history or astronomy, or an architect. The National Science Bowl Competition will be the first time Nate has left Alaska.

Jonah Jeffries is a senior and has been an avid participant in the Science Olympiad competition since the 6th grade and in the past has participated in the Alaska Tsunami Bowl. He plans to earn a Bachelors degree in Electrical Engineering at the University of Alaska Fairbanks. Jonah also holds a large hat collection.

Ariel Hasse is a sophomore. She placed second statewide in National Ocean Science Bowl and has won a gold medal at National Science Olympiad. She serves as Parliamentarian on the Alaska Association of Student Governments Board. Ariel enjoys learning and she is constantly striving to make a difference. Long term, she can't wait to jump at every opportunity and see where life takes her.

Maui High School

Kahului, Hawaii

Hawaii Science Bowl, Hawaii Science Bowl Executive Committee



Left to right: Gabriel Salazar, Riley Camp, Chris Kim, Coach Ed Ginoza, Steven Okada, Bryson Galapon

Coach Ed Ginoza has a B.A. in chemistry with minors and physics and math and M.A. in Education from Adams State College in Colorado. He taught in junior high school, high school and several courses in college. He is also a graduate of the Defense Language of the West Coast in Monterey where he studied Russian. Other than working with students on Science Bowl and Ocean Sciences Bowl, he spends his spare time on the golf course that keeps getting longer as he gets older. He loves watching TV and cooks gourmet food.

Senior Steven Okada is a voracious learner. Steven is a multi-year Intel ISEF Finalist, National Chemistry Olympiad Semifinalist, Junior Science & Humanities Symposium Finalist, National Merit Finalist, AP Siemens Science & Mathematics State Award Winner, and Presidential Scholar Candidate. He never considers his future set in stone, and as such plans to follow life wherever it takes him.

Junior and puppy lover Bryson

Galapon enjoys hitting the basketball courts and eating out on the weekends. He possesses a strange set of talents including card magic and video editing, and also has an eye for stylish hats to add to his growing collection. Bryson is involved in Robotics, Key Club, Math League, Science Fair, and the Physics, Biology and Chemistry Olympiads. UC Berkeley is at the top of his list of colleges. Bryson hopes to pursue a scientific occupation.

Junior Gabriel Salazar enjoys hitting the tennis courts on weekends and cooking up family recipes in the kitchen. Salazar possesses an artistic edge - reciting piano classics by Chopin, strumming tunes on the ukulele, and creating videos on editing software. Involved in academic competitions such as the Spelling Bee, Science Fair, Ocean Bowl, Math League and History Day, Salazar is not new to the competitive environment. His interest for science sparked when his brother brought home the "Regional Science Bowl Winner" title, inspiring him to do the same.

Sophomore Chris Kim enjoys brewing potions in AP Chemistry and exploring the grand realms of the cosmos. He participates in Science Fair, Ocean Bowl, Math League, Key Club, Robotics, the Chemistry and Biology Olympiads, and the AMC. With English, Korean, and Spanish already under his belt, Chris would like to master French and Chinese. His hobbies include playing the clarinet and piano, editing videos, designing on Photoshop, and taking beach walks.

Junior Riley Camp partakes in a wide range of activities such as being a dedicated member of Key Club International, Science Fair, Math League, and Ocean Bowl. In his leisure time, Riley enjoys creating quality memories with his family, tutoring other students, and reading various works of literature. His love for reading and writing is paralleled by his passion for both math and sciences, which Riley utilizes for motivation to further his knowledge and satisfy his curious nature.

Mira Loma High School

Sacramento, California

WAPA Sacramento High School Science Bowl

Left to right: Jacob Gurev,
Daniel Shen, Siddharth
Trehan, Saaket Agrawal,
Coach James Hill



Coach James Hill teaches Honors Chemistry and IB Biology at Mira Loma High School in Sacramento, CA. James received a BS degree from the University of Virginia and a MS degree from Radford University. In addition to being the Science Bowl coach, James is also the Director of the Sacramento Regional Science Olympiad. In his spare time, he enjoys playing piano, photography, reading, traveling and his four Labrador Retrievers. This is his fourteenth time coming to the National competition as the coach of the Mira Loma Science Bowl team.

Saaket Agrawal is a senior. Along with Science Bowl, Saaket participates in the Chemistry Olympiad and debate competitions. In the field of chemistry, Saaket especially enjoys organic chemistry due to the puzzle-like nature of mechanistic analysis. He also teaches chemistry to students at Mira Loma as well as an online general chemistry class. In college, Saaket plans on pursuing a major in chemistry with a focus on organic chemistry and

research in organometallic chemistry. When Saaket is not studying, he enjoys playing Ultimate Frisbee.

Siddharth Trehan is a senior who has an active academic interest and is excited by the National Science Bowl tournament. He is intrigued by biology, particularly biochemistry and immunology. Over the summer, he has contributed to diagnostic cancer research at UC Davis, for which he presented a poster at the American Association for Cancer Research annual meeting last year, and has gone to the finals of USA Biology Olympiad. He enjoys coding and reading about theoretical computer science. He is investigating careers focusing on medicine.

Daniel Shen is a sophomore who, outside of Science Bowl, enjoys learning about military history and building ships in bottles; he also takes an interest in particle physics. You could even say that he's a bit quarky. He also participates in speech and debate, Science Olympiad, and cross country. He plans to double major

in engineering and economics and pursue a career in the aerospace and defense field. When the season permits, he likes to press flowers with his post-season mothballed Science Bowl textbooks (the cherry blossoms are currently in bloom).

Jacob Gurev (Jack) is a freshman. His interests include science, computer programming, strategic games, skiing, and math. Jack has been active in math competitions since he was in sixth grade. He has competed in the American Regions Mathematics League, California's State MathCounts competition, and qualified last year for the United States Junior Math Olympiad. Jack has not decided on a college or career yet. However, he will probably major in either math or computer science. Jack enjoys Rubik's cubes and can solve a standard cube in under a minute as well as a seven-by-seven cube in less than twenty minutes. One thing interesting about him is that he is a triplet.

Mission San Jose High School

Fremont, California

Sandia National Laboratories/Las Positas Regional Science Bowl



Left to right: Coach Peter Geschke, Kelvin Lu, Krishna Bharathala, Raymond Liu, Audrey Huang, Adi Jung

Coach Peter Geschke has been teaching for 24 years. A graduate of the University of California at Davis in Biological Sciences, Peter currently teaches Physics and AP Physics C. Outside of school, Peter coaches youth basketball and is a tad bit fanatical about the San Francisco Giants, World Series Champions, especially for those players on his perennially underperforming fantasy baseball team. Peter is the proud father of three boys and especially appreciative of his very supportive spouse Diane.

Krishna Bharathala is a junior. Besides competing in Science Bowl, Krishna competes in Quiz Bowl and Robotics. His Robotics team got second place at the Southern Nevada State Championships and will be competing in the Northern California State Championships for the second year in a row. Krishna was a semi-finalist on the Season 28 Jeopardy! Teen Tournament. In addition to academics, he also plays the saxophone in the school band and has a black belt in mixed martial arts.

Senior Audrey Huang has been

interested in biology ever since she was told as a toddler that watermelons would grow out of her head if she ate the seeds. Seventeen years later, she has become the president of her school's Academic Challenge club and could out-rhyme Wat\$on n' Crunk in a freestyle biology rap battle. In her free time, Audrey enjoys reading Japanese literature and crying over the fact that pet axolotls are illegal to own in her home state. Audrey plans to major in biochemistry.

Adi Jung is a senior. As far as he can remember, he has been interested in science, and he has participated in Science Bowl for six years. He enjoys playing percussion, and plays in the school band and drumline, and has dressed as a clown, a wizard, and the wall of a pool table for the purposes of music. He has also programmed various applications and websites, despite his computer's unnatural propensity to crash at critical moments. He will major in electrical engineering.

A dedicated and fervent student, senior Raymond Liu highly enjoys attending school and all of its exciting

adventures. In his free time, Raymond finds internal peace in interpretive traditional ballroom dancing, cross stitching, and learning biology. His favorite musicians are Girl's Generation, Beyonce, and the Spice Girls and he frequently can be found rapping in falsetto. As for extracurricular activities, Raymond is the Adonis-like captain of MSJ's Quiz Bowl team and has played the musical triangle for ten years.

Kelvin Lu is a sophomore. He has been interested in physics and math since elementary school, though this is his first year competing in Science Bowl. Besides competing in Science Bowl this year, he is also participating in Quiz Bowl, TARC, and Science Olympiad. He plays the clarinet in his school's band and has been playing the piano for nine years. He is currently serving as the Senior Patrol Leader for his Boy Scout Troop and is proud of his outdoor cooking, which has not caused any serious food poisoning-related sicknesses yet.

Mississippi School for Math and Science

Columbus, Mississippi

Mississippi Science Bowl, Mississippi University for Women

Left to right: Wilhelm Liano,
Matthew Steed, Egan
Peltan, Benny Zhang,
Shawn Gompa



Coach Dennis Reed received his Bachelor of Science degree in Mathematics Education and M.S. in Physics Education from Mississippi State University. He received his Education Specialist from the University of Alabama. He has been teaching physics for twenty-three years- thirteen at The Mississippi School for Mathematics and Science (MSMS). This is his fifth year to coach the Science Bowl team.

Egan Peltan is a senior. Egan is in Science Olympiad, Student Government, Student Environmental Awareness League, Senior Envirothon, National Honor Society, and Mu Alpha Theta. Egan enjoys reading, playing basketball, and volunteering. The past two summers, Egan has volunteered at the local ophthalmology practice and at health awareness seminars across the Mississippi Delta. Egan plans to attend Transylvania University or Hendrix College and major in Chemistry or Bioengineering.

Matthew Steed, senior, is a National Merit Semifinalist, nominee

for the Presidential Scholars Program, and scorer of summa cum laude on the National Latin Exam. He is a contest coordinator for the Mu Alpha Theta club, a volunteer in the cancer clinic of his local children's hospital, and a member of his school's Science Olympiad Team. He is an avid tennis player on his school's team. He plans to attend college and major in mathematics or physics.

Benny Zhang is a senior. He has won various academic awards, including achieving the top state score in the AMC12/AMC10 and scoring first in the Mississippi Science and Mathematics Tournament on both the math and chemistry exams for two consecutive years. He plays three instruments, has won numerous piano festivals and competitions, plays for his local church, and currently transcribes music in his spare time. Benny enjoys playing Frisbee, Ping-Pong, billiards, swimming, and occasionally playing chess, among other activities. He plans to attend MIT, majoring in engineering and minoring in math.

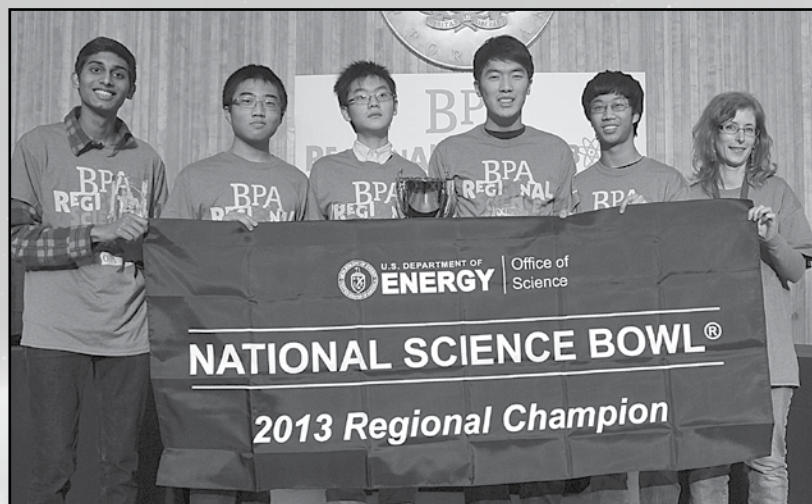
Shawn Gompa, senior, plans to conduct neuroscience research. He enjoys learning about every corner of the sciences, from political to physical. He has competed in numerous academic tournaments as well as sporting events that include soccer, cross country, and swimming. He has previously been to the US Department of Energy's National Science Bowl for the middle school competition and remembers it to be a life-changing experience. Shawn believes that Science Bowl is an opportunity to meet people who will be pioneering the awe-striking innovations of the future.

Wilhelm Liano is a senior who is the captain of the swim team. He is in math related clubs and competitions such as Mu Alpha Theta and...other stuff. He plays the piano for fun as well as various sports such as Ultimate (Frisbee), swimming, and soccer. He hopes to graduate (for starters...) in order to attend Northwestern University to study engineering or physics.

Mountain View High School

Vancouver, Washington

BPA Regional Science Bowl, Bonneville Power Administration



Left to right: Rohith Nagari,
Jason Lu, Ming Liu,
Marcus Kwon, Jason Liu,
Coach Alison Nightingale

Coach Alison Nightingale teaches Honors Biology and AP Biology. She is coaching Science Bowl as well as Science Olympiad and also administers the USA Biology Olympiad exam. Her hobbies include snow skiing, race walking and reading. She attended Oregon State University where she received her B.S. and her M.S. from University of Portland. Alison also likes to travel and recently spent a month in Turkey traveling across the country with a Turkish family. Alison has a great sense of humor and finds her team members hilarious, especially their bio's.

When he isn't not doing homework or reading excessively complicated textbooks for Science Olympiad, senior Rohith Nagari can usually be found loitering in public parks. He dreams of one day graduating from his public high school. He enjoys Astronomy and Oceanography, but could probably improve on those. Most importantly, he's looking forward to all of the free food this year at National Science Bowl.

Jason Liu is a junior. At the moment, his favorite class is Calculus, because he can express his inner sentiments through integration by parts (he also finds Taylor Series very relatable). He participates in a variety of clubs, including National Honor Society and Knowledge Bowl. In the future, Jason hopes to attend a college. His hobbies include browsing Facebook, watching movies, and reinforcing the Asian stereotype.

Peter Lu is a sophomore. He greatly enjoys not learning science and playing video games. Unfortunately, his parents make him study a lot and he gets annoyed. In the future, he hopes to pursue something along the lines of medicine or programming. As for interesting facts, he has a dog, just like one hundred million other people in the US. He is looking forward to the endless food and dessert that accompanies the Science Bowl Nationals.

Marcus Kwon is currently a senior. His interests include tennis, piano, science and math related clubs,

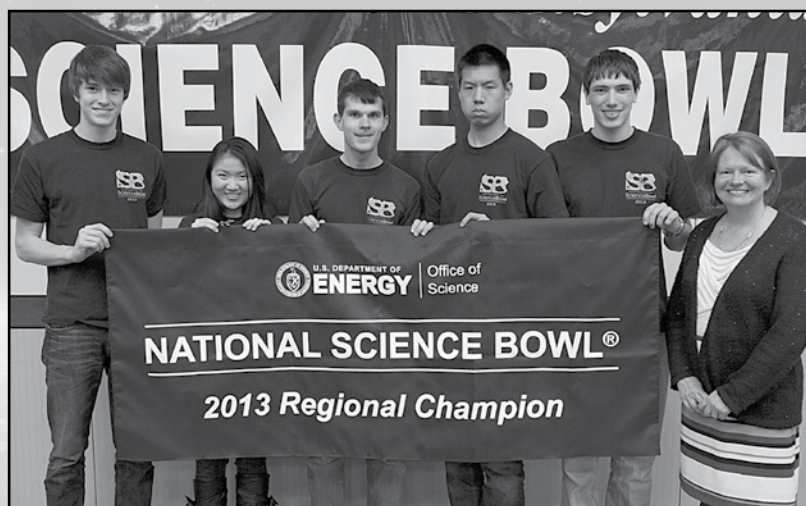
and sleep. He is the captain of school's Varsity Boys' Tennis Team and Science Olympiad team. He is also involved in the National Honor Society, MuAlphaTheta Club, and volunteers at Peace Health Southwest Medical Center. He is also a member of the Southwest Washington American Red Cross Youth Council. Marcus' favorite subjects in school are biology, chemistry, and calculus. He plans to attend college on the East Coast and to major in biochemistry. In the future, Marcus plans to become a cardiologist. He was also a National Security Language Initiative for Youth Scholarship recipient and won a Nanomedicine and Cancer Diagnostics Internship at the Oregon Health and Science University.

Ming Liu is currently a freshman. A veteran of competitive events, this is his first year in High School Science Bowl. His hobbies include dealing with computers, history, and problem solving. He lives in the town of Vancouver, Washington, a rainy but pleasant place.

North Allegheny Senior High School

Wexford, Pennsylvania
SWPA Science Bowl, NETL-Pittsburgh

Left to right: Mike Becich,
Carol Wang, Tom McCoy,
Erik Liu, Jeff Rabinowitz,
Coach Cris Ruffolo



Coach Cris Ruffolo has been teaching gifted students at North Allegheny long enough that she can now invite former students back to be speakers. After a decade long career in television and public relations, she found her true calling in teaching. Her husband and their three children love to travel. Last summer they rented a VW camper van and traveled around the Big Island of Hawaii.

Mike Becich is a junior. For five years, he has been competing in Science Bowl, and in 2010, he was captain of the Marshall Middle School team which took fourth place at Nationals. He loves all walks of math and science, but he also loves running varsity track and cross country year-round. Mike participates in an assortment of math, science, forensics, and Latin activities and also conducts genomic cancer research as a member of a published research group.

Erik Liu is a senior and a tennis player. He also plays basketball and entered a contraption in the Chain Reaction Contraption Contest. Erik

loves it when people make the keen observation that he is tall, and he greatly enjoys Science Bowl practices. In Science Bowl, he especially enjoys earth and space science questions, as he learns something new every time. He would like to thank his teammates for their contributions to Science Bowl, but he hopes to someday beat them out on a chemistry toss-up question.

Tom McCoy (aka Tom Eoy, since $E = mc^2$) is a senior at North Allegheny School District. His family includes four sisters, four dogs, and forebears. He participates in the Junior Classical League, the track and cross country teams, the Chain Reaction Contraption Contest, and the American Cryptogram Association. Other hobbies include cooking vegetable soup and writing crossword puzzles. He would like to thank the Department of Energy for five years of competition and camaraderie; Science Bowl has huge bonuses apart from the ones after toss-up questions.

Jeff Rabinowitz is in his senior

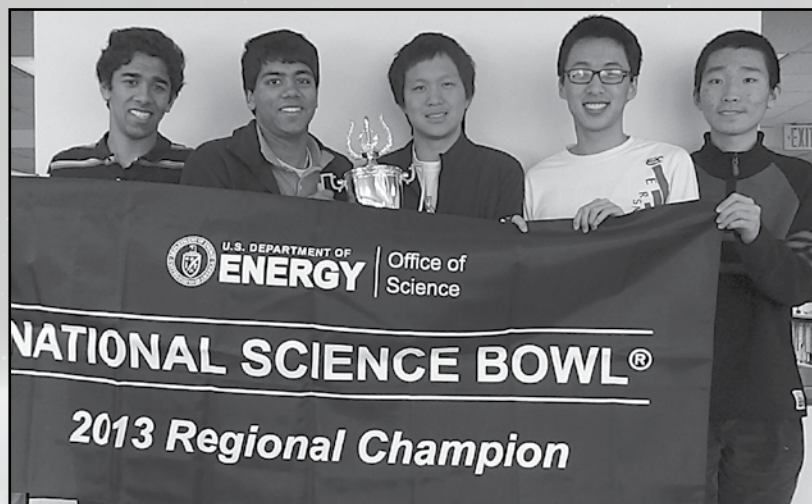
year and loves chemistry. He looks for opportunities to involve others in science through volunteering at elementary schools, forming a Chemistry Club at our high school and posting a chemistry reaction of the day on the board. Jeff is very interested in music and plays the French Horn. He has achieved the rank of Eagle Scout. He has survived having Mrs. Ruffolo since sixth grade. Amazingly, Mrs. Ruffolo has also survived this.

Carol Wang is a senior. Her deBroglie wavelength is approximately 4.14×10^{-34} meters. She tends to resist any changes in motion unless acted upon by an outside force. She loves motexafin gadolinium, the Clausius-Clapeyron Equation, the color of a vanadyl solution and everything else even tenuously related to chemistry. On a nonscientific note, she is also a fierce advocate for the Oxford comma. Carol has the most wonderful Science Bowl teammates in the entire multiverse and would like to thank all of them for all the fun times.

North Carolina School of Science and Mathematics

Durham, North Carolina

North Carolina Central University Science Bowl



Left to right: Ashwin Monian, Tejas Sundaresan, Calvin Deng, Yu Wang, Sammy Luo

Coach Leslie Brinson has been a biology teacher since 1965. One of her favorite parts of teaching has been sponsoring science competitions. She has taught AP Biology since 1980. She has served as an AP Reader and was awarded the Biology Teacher of the Year for North Carolina. She enjoys showing Javanese cats at cat shows, and sometimes names cats after her students. She is happy to return to NSB and looks forward to a fun competition!

Tejas Sundaresan is a senior who has a strong interest in biology and chemistry. He plays and follows soccer and tennis, but also enjoys basketball and football. He participates in many clubs that include Science Olympiad and Quiz Bowl, and regularly attends math competitions. Over the summer, he worked on a research project in RNA virology, and hopes to study biochemical engineering in college. He excited to be at National Science Bowl for a second year and is looking forward to a great experience.

Calvin Deng is a senior. When

he's not failing to solve math problems or trying to correct buggy code, he likes to play sports, like Frisbee and basketball, and listen to music (especially TAYLOR SWIFT, just like many of his teammates). He plays clarinet for the school band and enjoys a good slice of pizza. This is his second time competing at the national competition, and wishes everyone good luck!

Yu Wang is a senior who likes chemistry, League of Legends, and playing basketball. Yu Wang would like to dedicate this bio to his friend and roommate, Tejas Sundaresan. He and Tejas have been friends ever since Yu barely beat Tejas at Mathcounts countdown round in 8th grade, and it is through their mutual relationship that they truly developed their love for science and math. Their friendship can conquer any obstacle, whether it be the highest of mountains or the deepest of oceans.

Ashwin Monian, a senior, has a wide variety of interests, ranging from geography to biology. At school,

Ashwin is a captain of the Quiz Bowl Team, plays for his school's tennis team, and has taken part in Science Olympiad and Bhangra. In his free time, he enjoys playing table tennis, spending time with his friends and family, and volunteering to fix computers for children in need at a local center. Ashwin is excited to be attending the National Science Bowl, and is looking forward to a great experience.

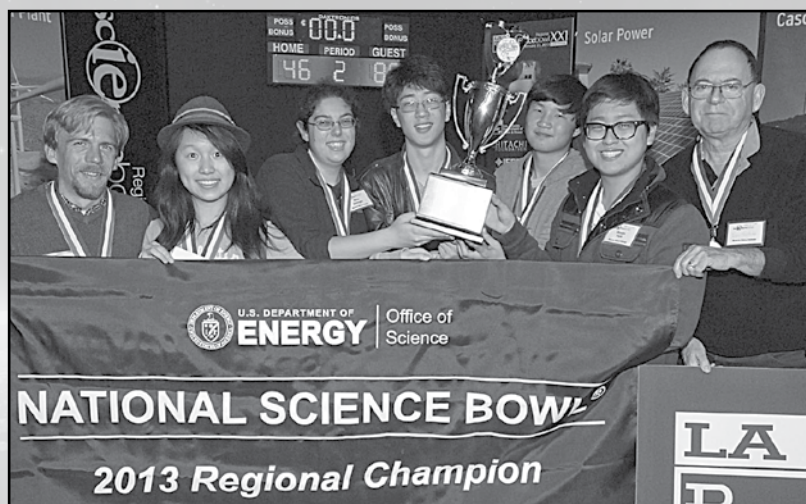
Sammy Luo, a junior, is an avid math student who also finds much enjoyment in chemistry, computer science, and physics, hoping to contribute to these fields during his lifetime. He spends most of his "free time" doing math problems, especially combinatorics and number theory problems, to practice for math competitions. The rest of his "free time" is spent programming, playing the piano and clarinet, and playing (and failing at) sports like Ultimate Frisbee. He is glad for the opportunity to come to National Science Bowl and hopes to do well.

North Hollywood High School

North Hollywood, California

LADWP Science Bowl, Los Angeles Dept of Water and Power

Left to right: Coach Altair Maine, Lily Zhou, Suna Zekiouglu, Chiyong Kim, Richard Wang, Woojin Park, Coach Len Soloff



Coach Altair Maine teaches chemistry, physics, geology, and math, while also coaching the Ocean Sciences Bowl and Science Olympiad Teams. Skipping seven grades of conventional schooling, he enrolled at age eleven as a full-time university student, graduating with a B.S. in geology at sixteen. He began a Ph.D. program at Caltech, but soon discovered his preference for teaching over research and departed to pursue a career in education. He is a happy father and dotes on his daughter, who turns two in July.

Chiyong Kim, a senior, will attend Harvard University next year. He enjoys every science subject except possibly chemistry. His favorite subject is biology but he does a little bit of physics on the side. This year, he is a semifinalist in both the Biology and Physics Olympiads. In his free time, he enjoys reading *Cracked* articles and *The Onion*. He also likes solving Rubik's cubes, playing and making musical instruments, running, and training his little brother to be an

excellent Science Bowl player when he enters high school in five years.

Woojin Park, a senior, is a Korean-American immigrant who immigrated to the United States in the winter of 2004. He has been admitted to MIT but is waiting to hear back from other universities before making a final decision. Last year, Woojin qualified for the USA Mathematical Olympiad and captained the Science Bowl B-team. Woojin has come far from his early struggles with the language and hopes to help take the trophy for his team in the National Science Bowl competition.

Suna Zekiouglu is a senior at North Hollywood High School. She joined the Science Bowl team in 2011 at the end of her sophomore year. Her favorite subjects are physics and chemistry; she is particularly interested in physical chemistry and organic synthesis. Outside of Science Bowl, she tutors, writes, and plays the cello. Next year, she plans to attend Emmanuel College at the University of Cambridge, where she will major in

natural sciences.

Lily Zhou is a senior at North Hollywood High School, and plans to attend MIT or Caltech next year. She joined Science Bowl at the end of her sophomore year, and it has been her passion ever since. Lily's favorite subjects are astronomy and chemistry, and she is planning to study electrical engineering in college. At her school, she is captain of the Math Club and also participates in both the Science Olympiad team and the Classical Music Club. Lily enjoys both playing piano in her free time and making endless puns.

Richard Wang, a sophomore, particularly loves both mathematics and chemistry. He particularly enjoys solving problems from past AMC, AIME, and USAMO exams. Although he has never taken a chemistry class, he is a Chemistry Olympiad semifinalist and works through chemistry labs after school for fun. His favorite subject in chemistry is crystal field theory.

Northwest Early College High School El Paso, Texas El Paso Community College Regional Science Bowl



Left to right: Alex Holden, Marcus Roberts, Christopher Pennington, Eric Trevino, Victoria Pennington

Coach Persis Beaven is in her first year as a high school instructor, teaching Pre-AP Geometry and Pre-AP Precalculus, after spending the last 2 years as an instructor at El Paso Community College. She has a B.S. and a M.S. in Math from the University of Texas at El Paso. She is married and has three children, two daughters and a son; her eldest daughter was recently accepted as an incoming freshman at Northwest.

Coach Andrew Waxman is in his first year as an instructor at Northwest, after having spent the last six years at Mission Early College. Waxman is very involved in campus life at Northwest. Aside from Science Bowl, he is a co-coach for the Mathematics and Number Sense UIL teams, a co-sponsor of the freshman class, a member of the Graduation Committee, sponsor of the campus Fantasy Club, and co-organizer of the campus intramural sports program.

Christopher Pennington is a sophomore. He is fascinated with science and math, in particular aeronautical

science. His "addiction" to flight began at an early age; he began taking flying lessons at age twelve, and is now a fully licensed glider pilot. He serves as an active cadet sergeant in the local Civil Air Patrol Squadron, and plans on attending either the U.S. Air Force Academy or Embry Riddle Aeronautical University.

Alex Holden is a junior. Alex has a variety of interests outside of science and math, including reading, art and dance; she is a member of the New Horizon Dance Academy. On campus, she is a member of National Honor Society, The Hunger Games club, the Mariachi group, and choir. She also placed second in this year's Citizen Bee. Her favorite school subjects are history, biology and math; she plans to major in human biology or medical anthropology, with the ultimate goal of becoming a physician.

Victoria Pennington is a freshman whose favorite class in school is biology, as it feeds into her interest in zoological studies. She loves animals, especially horses, and spends a great deal of time outside of school working at a

local stable near her home, where she works in exchange for riding time. Her educational goals include attending the veterinary program at Texas A&M, to earn a Doctorate in Veterinary Science, specializing in either Equestrian, Small Animal or Exotic Animal studies.

Marcus Roberts is a junior. Marcus has been an active member of both the Northwest Choir and Mariachi group, and is president of The Hunger Games club. Along with Science Bowl, he competes in both BPA and UIL Spelling/Vocabulary. He is on track to complete his Associate of Arts degree in December, a full semester ahead of schedule. Marcus plans on attending Texas Tech University to major in Civil Engineering.

Eric Trevino is a sophomore. Eric is known as a gamer, either video games, card games, or Dungeons & Dragons. Additionally, Eric participates in Intramural sports, specifically flag football. His interest in gaming carries over to computer science; his goal is to go to New Mexico State University and study computer engineering.

Palo Alto High School

Palo Alto, California

Lawrence Berkeley National Laboratory Regional Science Bowl

Left to right: Coach Shawn Leonard, Jeffrey Ling, Grace Lin, Gary Chen, Jasen Liu, Jared Filseth



Coach Shawn Leonard teaches Conceptual Physics, Physics 1, and AP Physics C. This is his sixth year of teaching. He worked as a software engineer for 20 years in the electronic design automation industry before switching the teaching in 2007. He enjoys creating inquiry based labs and challenging students with problems that address common misconceptions. He likes spending free time with his three school-age children and his wife.

Gary Chen is a sophomore, and an avid member of Science Club. He was both a Physics and Biology Olympiad semifinalist last year. For him, Science Bowl is a recollection of his childhood since he indiscriminately read science-related books instead of *Curious George*. He regards college as a far-off and frightening prospect, which is nonetheless a motivation to pick the right one. Someday, he hopes to become a professor, a career that enjoys intellectual freedom and the opportunity to bestow knowledge to enthusiastic youths such as himself. He can also whistle.

Jasen Liu is a sophomore at Palo Alto High School. He loves plants and grows over 200 orchids. Apart from growing plants, he also enjoys reefing in his year old sub-gallon pico reef, reading interesting articles about growing plants and reefing, and reading about biology. He is an active member of the Paly SciOly team and performs well in the biology events.

Jeffrey Ling is a senior at Palo Alto High School, where he participates actively in math club and Science Olympiad. In his free time, he enjoys playing Frisbee, badminton, and music. He is currently learning martial arts and hopes that he will be able to learn languages like Japanese. He is excited to be traveling to National Science Bowl for the first time!

Jared Filseth is a junior at Palo Alto High School. He enjoys debate, cross country running, ultimate frisbee, Starcraft II, and reading (mostly the science fiction and fantasy genres). He also is part of the math, physics, and Science Olympiad clubs, and plays piano. His favorite subjects

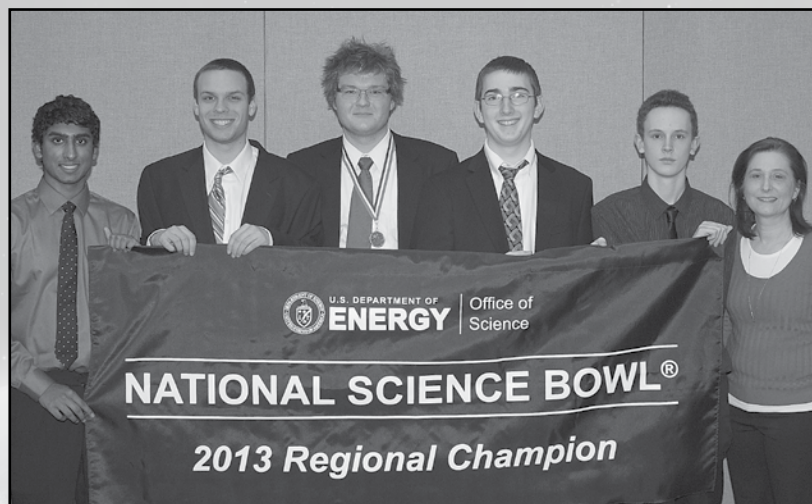
are physics, chemistry, math, and computer science. He is not certain what he wants to major in, but wants to attend MIT or Harvard. He also likes pizza. And chili peppers. And fried chicken. And Raisin Bran. And oranges.

Grace Lin, a junior, is interested in biophysics and neurobiology. Outside of science and math, she enjoys ballet, cross country, and creative writing. She has a spotted English dwarf bunny named Pye.

Parkersburg High School

Parkersburg, West Virginia

West Virginia Regional Science Bowl, National Energy Technology Laboratory



Left to right: Nanda Siva, Ben Kepple, Eric Eisenmann, Ian Collins, Trent Cheuvront, Coach Lisa Berry

Coach Lisa Berry studied at Miami University and graduated with a B.S. degree in education with certification in Chemistry and Physics. She has spent her entire 28-year career teaching Physics and Chemistry at Parkersburg High School. Lisa serves as the faculty advisor for several student organizations. Lisa enjoys reading, camping and other family activities, but most of all spoiling her granddaughter. Fittingly, her favorite television show is "The Big Bang Theory".

Ian Collins is a senior. Ian enjoys swimming, cooking, and long walks on the beach. He participates in Key Club, Mu Alpha Theta, National Honors Society, Spanish Honors Society, Forensics, Young Republicans, TEAMS, and Frisbee Club at Parkersburg High School. His favorite subjects in school have been Calculus and Physics. He plans to attend West Virginia University to study Petroleum Engineering. Interestingly, Ian can believe it's not butter.

Ben Kepple is a senior. In his spare

time Ben likes to play soccer, read, and watch television. He is an active part in Physics Club, Key Club, JETS, Senior Cabinet, Mu Alpha Theta, Young Republicans, and Frisbee Club at school. He has also been inducted into the Spanish Honor Society and the National Honor Society. His favorite subjects at school are Calculus and Physics. Next year Ben will attend West Virginia University and double-majoring in aerospace and mechanical engineering.

Eric Eisenmann is a senior. Eric is a member of Physics Club, Ultimate Frisbee Club, Board Games Club, PHS Young Republicans, Swim Team, Quiz Bowl, Science Bowl, History Bowl, and the TEAMS Competition. Eric is a Boy Scout and enjoys hiking, camping and most other outdoor activities. He also enjoys stamp collecting, and is Red Cross Certified in both swim instruction and life guarding. Eric plans to major in mechanical engineering at West Virginia University. Eric believes that good sportsmanship is the most important

quality in a team, and believes that it is always better to lose honorably and respected, than to win.

Nanda Siva is a junior. He has always been interested in math and science because he had a curiosity to figure out how things worked. Because of his affinity for these academics, he became an active member in the academic teams at his school. Outside of school, his range of interests grows even wider. He likes drawing and writing while also practicing martial arts. His ultimate ambition is to travel around the world to see all the magnificent places and experience diverse cultures.

Trent Cheuvront is a senior. He likes to snowboard and listen to music. In his opinion, Batman is the best superhero. At school, he takes part in Key Club, National Honor Society, Student Council, Physics Club, and, of course, Science Bowl. He plans in going to Stony Brook University to study psychology and afterwards, go to dental school to become an oral surgeon.

Paschal High School

Fort Worth, Texas

North Texas Science Bowl, University of Texas at Arlington & Chinese Institute of Engineers

Left to right: Coach Andrew Brinker, Abraham Sharaf, Erik Nguyen, Wyatt Reeves, Edward Nguyen, Dominic Yurk



Coach Andrew Brinker teaches AP Biology and AP Environmental Science at R. L. Paschal High School. This is his sixth year as a teacher and his third trip to the National Science Bowl. He enjoys spending time with his 10 month old son Baxter and his beautiful wife Christina. When not at school or with family, you are most likely to find him in a remote forest with his mandolin in one hand and the Campbell 9th edition in the other.

Wyatt Reeves is a freshman at R. L. Paschal High School. He is interested in mathematics, physics, computer science, and music. Besides the Science Bowl team, he is on the whiz quiz team, the UIL team, and the TMSCA team. He also attends the school's science and computer science clubs. He plans to become a theoretical physicist later in life. When not at school, he enjoys playing the cello and piano, attending the local Math Circle, or playing video games. He often improvises music on the piano.

Senior Abraham Sharaf attends Robert Lee Paschal High

School in Fort Worth. He likes long walks on the beach, reading, and playing videogames. He is involved with many clubs on campus, but the one near and dear to his heart is Key Club. His favorite subject in school is either biology or chemistry. He once watched an episode of the Real Housewives: Orange County, and, he is ashamed to admit, liked it.

Dominic Yurk is a senior at Paschal High School in Fort Worth, Texas. This is his fourth year participating in Science Bowl and his third time to compete at the national event. Dominic enjoys all areas of math and science at school, particularly computer science, physics, and biology. He is president of the Science Club and co-president of the Computer Science Club. After this year Dominic plans to attend Caltech and eventually go on to be a research physicist.

Edward Nguyen is a sophomore at Paschal High School. He participates in many math and science competitions and enjoys programming and solving difficult math and physics problems.

Erik Nguyen is a senior at R.L. Paschal High School. He is a member of the computer science and science teams at his school and the city's youth orchestra. His favorite subjects are computer science and chemistry and he plans to become a software engineer after college. His hobbies include playing violin and coding.

Paul Laurence Dunbar High School

Lexington, Kentucky

Greater Cincinnati Regional Science Bowl, EM Consolidated Business Center



Left to right: John Stokes, Valerie Sarge, Ryan Blood, Chloe Cao, Joseph Schneider, Coach Susan Magedanz

Coach Susan Hawn Magedanz instructs special needs students in geometry and algebra 2 and coaches PLD's Quiz Bowl, Future Problem Solving, and Science Bowl teams. Her degrees are from UK and Georgetown College and Montessori training from St. Nicholas College, London, England & Montessori Educators International. She loves outdoor activities, reading, and travel - with Taiwan being a recent delight - but her favorite times are those spent with her children on South Carolina's barrier islands.

Joseph Schneider is a junior. He also participates in Academic Team and FIRST Robotics, and is an active member of the Youth Group at Centenary United Methodist Church. In his few spare moments when he's not at school or doing homework he likes to play piano, write code, and go on random bike adventures. He enjoys his Math and Science classes, likes Social Studies, and tolerates English and Spanish. While he doesn't know where God will lead him, he'd like to wind up in a job that involves physics

and computer modeling.

Chloe Cao is a junior. Her favorite classes in school are biology, chemistry, and orchestra. She attends many clubs and activities such as Academic Team, Future Business Leaders of America, and Governor's School for the Arts. She is planning to study either in the medical field or healthcare management. After attending a premedical summer camp, she is more determined to become an emergency care doctor. Reading books and playing violin are some things she really enjoys doing.

John Stokes is a junior. He has also been an active member of the Academic Team since his freshman year, an activity which he highly enjoys. He hopes to one day go into the aerospace engineering or astronomy fields. Outside of school he enjoys being with friends, playing Magic: The Gathering with local players, learning random facts about space and astronomy on the internet, building and upgrading computers, and hanging out with Ryan Blood at

Qdoba after school, not to mention playing video games.

Ryan Blood is a junior. Some activities that he enjoys are: playing with his dogs, hanging out with John Stokes at Qdoba, reading, and increasing his understanding of the world. He wishes to attend a college that will give him a well rounded education (meaning chemistry, physics, math, and economics), hoping to apply his economics education to his job, and then slowly integrate the rest as he progresses through his career.

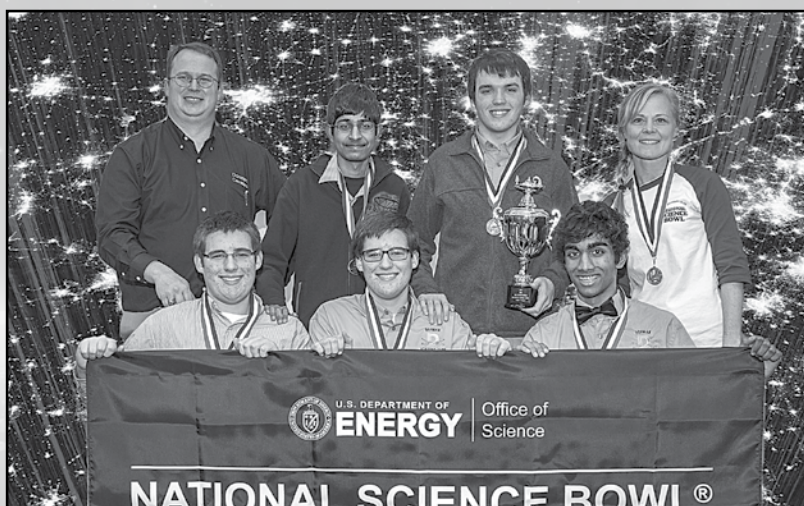
Valerie Sarge is a junior. She is interested in chemistry and medicine. She enjoys reading, programming small applications, and logic, number, and word puzzles. She is involved in the Academic Team, Science Honor Society, National Honor Society, Beta Club, and Spanish Honor Society, and volunteers to translate documents to and from Spanish. Her favorite subjects at school are Chemistry, Physics, and Biology. She plans to major in Materials Science.

Paul M. Dorman High School

Roebuck, South Carolina

DOE Savannah River Regional Science Bowl

Left to right: (front)
Tim Peacock, Thomas
Peacock, Himendra
Perera; (back) Coach
Kevin Marsh, Asrar
Alimohamed, Chase
Flemming, Coach Michelle
Dillard



Coach Kevin Marsh has been a Science Bowl Coach at Paul M. Dorman for all 6 years that he has taught there. He has taught multiple levels of Chemistry and Physical Science and is now also teaching Introduction to Engineering Design. He is currently the science department head as well. Kevin completed his B.S. in Physics at Clemson University and his M.A.T. in Secondary Education/Chemistry at Converse College. He is married to the most wonderful woman in the world and has three daughters. He is active in his church and is currently completing his Deacon training. In his spare time, who are we kidding, he's a teacher with three kids. What is this spare time you speak of?

Himendra Perera is in the tenth grade. He is interested in molecular chemistry, swimming, and basketball. At school, Himendra is in the Dorman Academic Team and plays pick up football. His favorite subjects are biochemistry, organic chemistry, nuclear chemistry, and math. Himendra aspires to become

a chemical engineer, and hopes to go to Duke, Clemson, or any chemical engineering university. Himendra is a Sri Lankan who plays with high voltage capacitors in his free time.

Asrar Alimohamed is in the eleventh grade. He enjoys playing ping pong, badminton, and soccer. He is an active member of the Dorman Academic Team and Science Olympiad Team. Asrar's favorite subjects in school are science, mathematics, and economics. His future plans include doing undergraduate research in college and becoming a surgeon. He has already completed some research as part of the STEM Research/Internship class. That research involved analyzing the effects of microgravity on the immune systems of NASA astronauts.

Chase Fleming is a junior. He likes to play Magic: The Gathering with his friends and competitively. He also loves to read Carl Sagan works. He enjoys playing paintball with large groups of his buddies. His favorite subjects in school include math and art history. He plans to apply to Rice

University in the fall and major in statistics or mathematics. He has adopted the strange moniker of "Big Fudge" or sometimes just "Fudge".

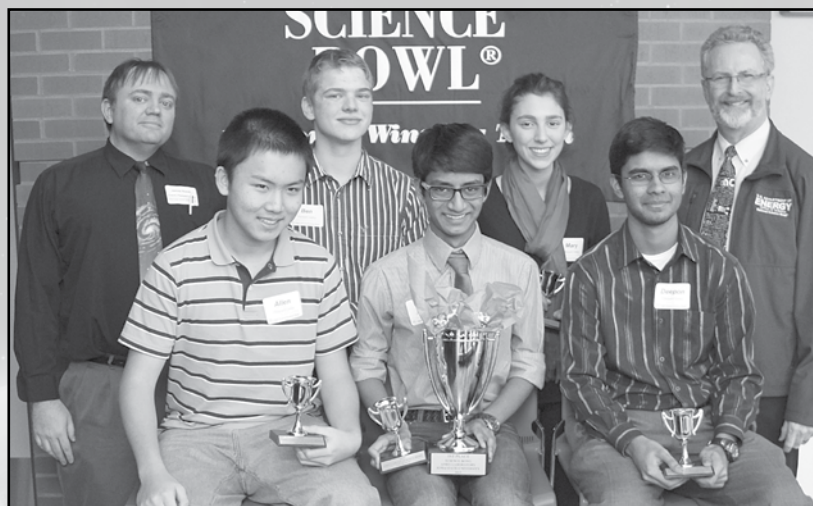
Tim Peacock is in the eleventh grade. His hobbies are reading and going camping. He is active in the Beta Club, National Honors Society, Medical Society, Philosophy club, and Marching Band. His favorite subjects are biology and chemistry. Tim plans on going to Clemson University and joining the medical field.

Thomas Peacock is in the eleventh grade. Science Bowl is one of his favorite parts of the school week and he joined the team in tenth grade. Thomas plays basketball during the winter and racquetball the rest of the year. Thomas loves the subjects of calculus and physics because of the amount of math required for the courses. Thomas wants to major in engineering or business. Thomas lives with a large Catholic family of two sisters and three brothers, one of whom happens to be a twin.

Pleasant Valley High School

Bettendorf, Iowa

Iowa Regional High School Science Bowl, Ames Laboratory



Left to right: Coach Jamie Homb, Allen Wang, Ben Bruster, Vivian Medithi, Mary Sears, Deepon Sarkar, Ames Laboratory Director Alex King

Coach Jamie Homb teaches French and Spanish at Pleasant Valley High School and serves as the district ESL coordinator. He coaches Academic Bowl and History Bowl as well as Science Bowl. He received a B.A. from Loras College, an M.S. in administration from Western Illinois University and has studied in Spain at the Universidad Nacional de Educación a Distancia in Mérida, where he taught English. He has lived in Spain, Mexico and Switzerland and has traveled extensively around the world. He was living in Geneva, Switzerland and had just visited the CERN when the Higgs-Boson was discovered. He is indebted to Revolite for their 1942 invention of duct tape.

Mengyu “Allen” Wang is currently a Junior at Pleasant Valley High School. An active member of the school quiz bowl team, Allen has been a part of numerous quiz bowl-style competitions such as this one. Some other activities he participates in are band and debate. Allen enjoys a daily dose of physics and plans to study

engineering.

Deepon Sarkar is a junior at Pleasant Valley High School. He participates in debate club, multi-cultural club, track and field, and orchestra. Also, he is the co-president of his school’s cricket club. During the summer, he enjoys volunteering at a local hospital, reading, and playing basketball and golf. Deepon’s favorite subjects include biology and chemistry. In the future, Deepon hopes to major in biochemistry and work towards medical school after college.

Mary Sears is in tenth grade. She attends Pleasant Valley High School in Bettendorf, Iowa. Her hobbies include reading, running, and playing the violin and piano. She is involved in art club, orchestra, RSVP club and piano lessons. Her favorite subjects are chemistry and French. She plans on attending medical school and someday becoming a physician. Some interesting facts about Mary are that she hiked to the base of the Grand Canyon, has run a half-marathon,

and has participated in many piano competitions.

Vivian Medithi is a 15-year-old junior at Pleasant Valley High School in Bettendorf Iowa. His favorite science is physics and he plans to go into either law or medicine after college. Enrico Fermi, who created the first sustained nuclear reaction, is his favorite scientist and he is fascinated by cryovolcanoes.

Ben Bruster is a junior at Pleasant Valley High School. He participates in student government, Be the Change Club, choir, and academic bowl. During the week he works as a scanner and office assistant at Rheumatology Associates. Outside of school he enjoys spending time with friends and family, playing basketball and football, and going to youth group. He wants to major in immunology/biology, international studies, and religion. He dreams of becoming a medical missionary after college.

Pullman High School

Pullman, Washington

Inland Northwest Science Bowl, Whitworth, Gonzaga, and Prodigy Northwest

Left to right: Aneesh Pappu, Vivek Jayaram, Rachit Singh, Moritz Lange, Jaeyoung Heo, Coach Barbara Harding



Coach Barbara Clark Harding received a BS in chemistry from Allegheny College, and has done graduate work in several fields. In addition to teaching at both secondary and college levels, she has worked as a research chemist in industry and in a variety of academic research labs. She has taught at Pullman High School since 1996. She and her husband enjoy traveling and outdoor activities such as hiking, skiing, and cycling. This is her eleventh visit to the National Science Bowl.

Vivek Jayaram is a senior and two term student body president at Pullman High. He is the varsity soccer goalkeeper and plays cricket for the Northwest U-17 team. Vivek is founder and current president of the ping-pong club, and is an Eagle Scout. As an avid piano player and musician, he spends his free time mixing songs and original electronic pieces on his laptop, and also makes amazing music videos with his friends. Vivek works in an analytical chemistry lab and plans to pursue a career in science or

engineering.

Rachit Singh is a junior. In his nonexistent spare time, he would be creating a website, learning a new language, or reading. Instead, he participates in a plethora of activities like Science Bowl and Math Team, orchestra, and soccer. Occasionally between classes and activities he remembers to eat. In much of his remaining time he teaches math at Pullman Math Circle, which he founded. While he enjoys math, his real passions lie in research and computer science.

Jaeyoung Heo is a junior who is happy to be competing in the high school National Science Bowl, having also competed in the middle school competition. Jaeyoung is a varsity swimmer and tennis player, and also plays cello in the school orchestra. Jaeyoung attends classes at Washington State. In addition, he serves as the vice-president for Key Club. He also enjoys singing, mostly in tune, with his friend Vivek on horror movie nights.

Aneesh Pappu is the current sophomore class president. He is a swimmer and a tennis player. In addition he enjoys participating in math team and is ecstatic to be back at the National Science Bowl after his second trip in the 7th grade. He volunteers at the local hospital and has the honor of serving as the Lieutenant Governor for Pacific Northwest District Key Club. Aneesh plays cello for the orchestra and plays the violin. He enjoys being a hardcore Yu-Gi-Oh! player and beatboxing. This is his third year at NSB.

Moritz Lange is a junior. He is currently the junior class president and captain of the varsity soccer team. He jokes that he enjoys spending time with his teammates, but he actually just likes eating all the great Indian and Korean food that their mothers cook. Whenever Moritz isn't around his friends, he is playing cello or piano, or practicing soccer on his own. Originally from Germany, Moritz also likes to go kick boxing with his German exchange student.

Rancho Bernardo High School

San Diego, California

NOBCChE San Diego Regional Science Bowl



Left to right: Coach Ramesh Doraiswamy, Jason Gao, Yuxan Qi, Sathya Ramesh, Vivek Jani, Coach Geetha Natarajan

Coach Doraiswamy Ramesh is the Director of Biosciences at EMD Millipore and is responsible for evaluating and introducing biochemical research reagents to the scientific community. Dr. Ramesh earned his Ph.D. in Chemistry from Indian Institute of Technology, Madras, completed his post-doctoral research in Biochemistry at Cornell University and taught at colleges around the world. In his free time, he enjoys preparing hot meals for the homeless.

As a junior, Sathya Ramesh is very excited to attend the national event in DC with his dedicated teammates. He has a passion for the physical sciences and loves history. Ramesh enjoys playing the flute and the Tabla (Indian Drums). He also leads Rancho Bernardo's Quiz Bowl and History Bowl teams. He is also a member of the Debate team and runs Junior Varsity Track and Field. Ramesh coaches middle school Science Olympiad, tutors math to high school students, and volunteers at a local hospital. In his

free time he enjoys playing basketball and watching football.

Senior Jason Gao has discovered a love for science. He is an avid member of his school's Science Olympiad, Key Club, Orchestra, Academic League, and Math Team. He has accumulated over 250 hours of volunteer service through tutoring others and serving the community. In his spare time, he enjoys surfing the web and learning about the advancements in science and technology. Gao hopes to pursue a career in either the engineering or medical field.

A proud senior, Yuxuan Qi has taken 17 AP classes. Greatly interested in math and science, Qi is the Founder of Math Talent Quest, a nonprofit organization that coordinates a national math competition. Qi is a National AP Scholar and a Harvard Prize Book recipient. During summers, Qi travels to China to teach English and Math. Qi is also a co-founder and President of his school's Math Team, the secretary of Science Bowl, the treasurer of Speech and Debate,

and an active member of Quizbowl, Academic League, Science Olympiad, and various community-service clubs. He plans to pursue a career involving Applied Mathematics, Economics, Business, and Computer Science.

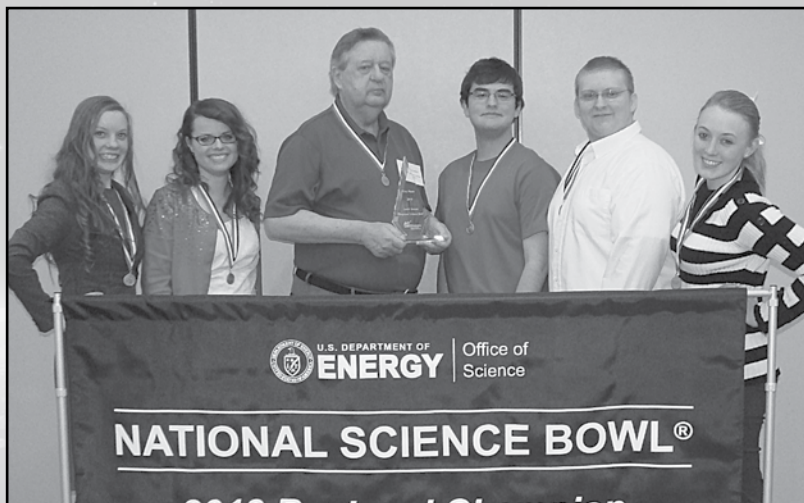
After taking a total of 6 AP classes his sophomore and junior years, Vivek Jani, a proud senior from Rancho Bernardo High School boasts an impressive GPA. Jani has been an annual recipient of the Silver Star Award due to his straight A record. His unbridled passion for knowledge is evidenced by his active participation in the Rancho Bernardo Quiz Bowl, Academic League, and Science Olympiad. Jani has served as a middle school Science Olympiad coach for the past three years. In addition to being an Eagle Scout, he plays the clarinet in the Rancho Bernardo Royal Regiment. He plans on majoring in biology at a four year university and pursuing a career in medicine.

Rapid City Central High School

Rapid City, South Dakota

South Dakota Science Bowl, Western Area Power Administration

Left to right: Amanda Reeves, Hannah Carroll, Coach Michael Slaback, Ryan Parks, Zachary Burdsol, Genevieve Kennedy



Coach Michael Slaback has been kicking around for a long time. Currently he is exhibiting behavior that would lead one to the erroneous conclusion that he is a rational responsible adult. Under this veneer of respectability beats the heart of an unreconstructed sixties conservative who was deeply amused by the antics of the Mobe and the great unwashed who were going to take over the world. In his leisure time he collects vampire movies. When last he was here (2006) he had 475, the collection is now 1,083. All in all, this amazing specimen of humanity enjoys what he is doing way too much to be completely sane.

Amanda Reeves is a senior. She enjoys playing her cello, reading, and baking copious amounts of cupcakes. She is the team captain of Central's Forensics Team and the principal cellist of Central's 2011 ASTA National Orchestra Festival grand champion orchestra. Amanda is passionate about biochemistry and classical languages, and plans on pursuing these subjects further in her studies at Stanford

University. Eventually, Amanda intends to conduct oncology research as it pertains to the intercellular language.

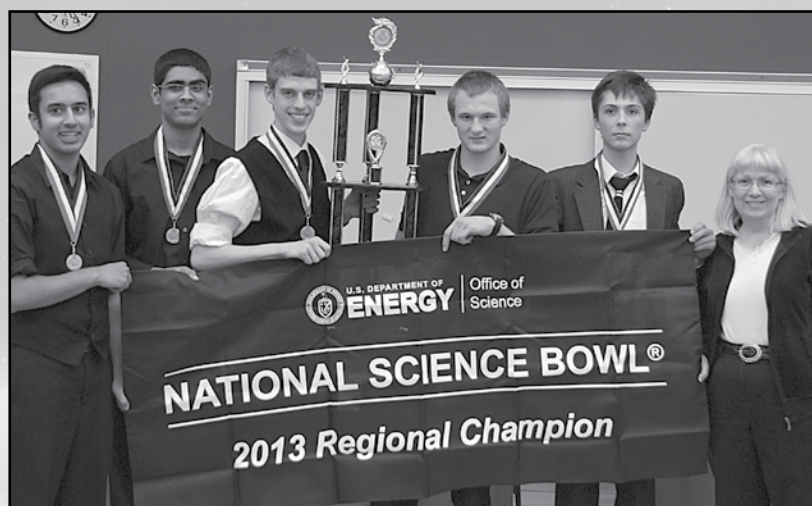
Ryan Parks is a senior at Central High School in Rapid City, South Dakota. His favorite subject to study in school is physics. Ryan has been a part of Central's Knowledge Bowl team for four years, is part of the school's Spanish Club, and also is a member of National Honor Society. For plans after graduating high school, Ryan will be attending the University of Minnesota – Twin Cities. His career choice has not yet been determined, but the current options include astrophysicist, aerospace engineer, or even a career within history. Ryan's interest and hobbies include video games, bike riding, drawing, and listening to music. Ryan has traveled across the United States extensively, and has been to many places, such as the Grand Canyon, Yellowstone, Glacier National Park, and New York City. He has two dogs, both of whom are Pembroke Welsh Corgis.

Hannah Carroll is a senior at Rapid City Central High School in South Dakota where she was born and has spent her entire life. At school, she's involved in French Club, Knowledge Bowl, Science Bowl, and Orchestra. Outside of school she enjoys graphic design, photography, cooking and baking, video games, sewing, and tabletop RPGs. Hannah particularly enjoys Calculus, Chemistry, Physics, and French. She's still uncertain as to whether she will be going to college or joining the military after school, although she knows she wants to eventually be either a Chemical Engineering or Computer Science major, and work in the military as a linguist for a while. In sophomore year Hannah worked with her date to create a 'Tron Prom' setup, a black duct tape dress and suit complete with identity disks hiding battery packs to power electro-luminescent wires highlighting the computer-inspired outfits.

Ridgeview Classical Schools

Fort Collins, Colorado

Rocky Mountain Region, Western Area Power Administration



Left to right: Akshay Kumar, Akshay Nagendra, Caleb Jhones, Alexander Englebert, Artem Bolshakov, Coach Paula Petterson

Coach Paula Petterson teaches biology and is a college advisor. She earned biology degrees from Harvard/Radcliffe and UPenn, and previously worked at Boston's Museum of Science. She has published articles in *The Science Teacher* and book reviews in *The American Biology Teacher*; co-authored an AP review book; and had a photo of a quilt she made published in a book. She appreciates the support of her younger son, whose team bested Ridgeview in a regional round; her older son, studying science at St. Olaf College; and, especially, her husband.

Caleb Jhones is a junior who primarily enjoys his classics, choir and mathematics classes. Last summer, he held an internship programming for Northrop Grumman, and hopes to go back again this year. In his spare time (which is a rare gift), he plays violin, attends Civil Air Patrol activities, and helps with chores on the family ranch. This is his third year competing in Science Bowl and his second at the National competition.

Senior Artem Bolshakov was born

in Russia. His other interests include rock climbing, piano, hiking, skiing, and competitive math (he has gone twice to the ARML competition on the Colorado team).

Senior Akshay Kumar's main interest is in Biology, specifically Human Anatomy and Physiology. He hopes one day to become a doctor, hopefully specializing in cardiology or neurology. However, Akshay has many interests outside of this. He loves Latin, music, Mock Trial, tennis, hiking, volunteering, and, of course, being around friends and family. Academically, Akshay is an AP Scholar with Distinction and a winner of three Summa cum Laude's for the National Latin Exam. He also spends time volunteering at a retirement home in his neighborhood every weekend. He will participate in his first musical, *The Sound of Music*, this year.

Akshay Nagendra, senior, enjoys math and science classes, especially physics and calculus. He is very interested in computers and plans to pursue Computer Engineering in college, specifically in the field of

computer security. Besides Science Bowl, Akshay enjoys playing tennis during the summers, volunteering at his local hospital and library, and meeting new people. Akshay has been participating in Science Bowl ever since ninth grade and loves the competition as well as meeting new and challenging competitors. He wishes to have a great time at the National Science Bowl Competition and wishes the same for everyone else competing and volunteering!

Junior Alexander Owen has been interested in math and science and wanted to be an astronaut since the first grade. He also enjoys history, philosophy, world language, and exercise. He was a member of the Lego Robotics team at his elementary school, and in sixth grade was captain of the team. He currently volunteers at his local hospital. He would like to go to a math and science focused college like Colorado School of Mines. He would still like to be an astronaut, but now he thinks he would like to get there through first becoming a pilot and/or a mechanical engineer.

Rockville High School

Rockville, Maryland

Maryland Science Bowl Competition, Montgomery College

Left to right: Montgomery College Dean Eun-Woo Chang, Catherine Nguyen, Gabrianna Andrews, Vibhu Someshwar, Jacob Shpiece, Coach Kathie Robbins



Coach Kathleen Robbins was a chemist in the space battery industry for over 25 years, working for Comsat Labs and Lockheed Martin. Last fall she joined the Senior Scientist STEM outreach program of the AAAS (American Assoc. for the Advancement of Science) and was asked to coach the Science Bowl Team at Rockville High School. She is constantly amazed at the team's knowledge of and passion for science. Mrs. Robbins' passions include books (science, of course), bridge, bowling, belly-dancing and battology.

Gabrianna Andrews is a junior. Gabrianna joined the Science Bowl team to expand her knowledge of science. Gabrianna is a varsity cheerleader, boys' lacrosse manager, and participates in her school's Allied Softball team. Gabrianna is interested in forensics. Gabrianna hopes to major in biochemistry or genetics. Gabrianna gained her interest in science after getting very sick as a child, being unable to walk, and continually going through many

incorrect diagnoses. Gabrianna wants to make sure children have a positive experience with doctors. Gabrianna plans on going to medical school, aiming to be a children's reconstructive plastic surgeon.

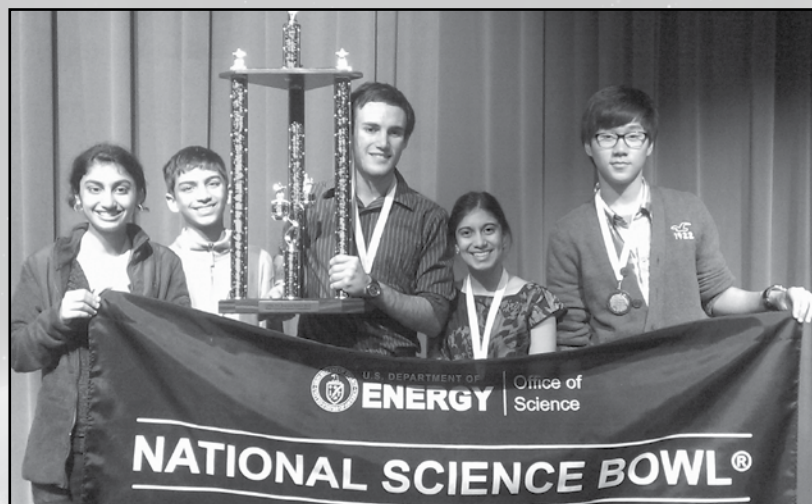
Catherine Nguyen is a senior. She enjoys playing tennis and has played for the school's Girls Varsity Tennis team for all four years in high school. Some of her other hobbies include baking, juggling, ice skating, and making videos. In school, Catherine is the vice president of the National Honor Society, treasurer of Key Club, and a member of the National Spanish Honor Society. Her favorite subjects are calculus, biology, and chemistry. Catherine plans to continue pursuing science in college as either a Biomedical or Chemical Engineering major. Afterwards, she hopes to attend medical school, aspiring to become a surgeon.

Jacob Shpiece is a senior. He is a dedicated Whedonite who once learned to speak backwards in fifth grade because he was bored, and can

quote elvish poems from The Lord of the Rings on request (though sadly not Klingon). Jacob is the captain of his school's It's Academic and co-captain of the Mock Trial team. He is a dedicated science fiction and fantasy fan, and his favorite authors are Isaac Asimov, JRR Tolkien, Ray Bradbury and Arthur C. Clarke. He plans to become a theoretical astrophysicist, and has a deep passion for physics, mathematics, and the idea of understanding the universe.

Senior Vibhu Someshwar was born in Missouri and moved to Morgantown, West Virginia at age 5. He recently moved to Rockville, Maryland this past summer and continues his participation in Science Bowl, one of his favorite activities. His favorite subject of study is theoretical physics, and he hopes to become a professor in the subject someday. He enjoys playing ping pong and tennis, as well as taking walks in the forest in his spare time

Science Academy of South Texas Mercedes, Texas University of Texas-Pan American Science Bowl



Left to right: Anjali Bhatla, Mashad Arora, Joseph Mittelstaedt, Soumya Gogia, William Koh

After graduating from Rice University with degrees in electrical engineering and computer science, Coach Scott Wiley floundered in various jobs until he heard a public service announcement: “Do you want to change your life? Call 1-800-TEA-CHER.” He did, and he did. Nearly twenty five years later, he still loves going to work every day and, through physics, helping students understand the world around them. He loves spending time with his wife and teenage daughter.

A cool fall morning with the melodic sounds of Grizzly Bear accompanying his next physics problem is idyllic for senior Joseph Mittelstaedt, a veteran of secondary school education. Accompanying the interest in studying and understanding the world around him is an equally strong tendency to become struck with the beauty of the natural world, ranging from the grandeur of the Milky Way to the peaceful majesty of the Rockies. He hopes to pursue his love of physics throughout his life, being able to both expand upon and pass on his knowledge as a professor.

Anjali Bhatla is a senior. She enjoys writing her newspaper column, playing the piano, and helping out in her community. Some of her favorite hobbies include napping, eating (Thai and Indian are her favorite), dancing, and debating about politics. Anjali wants to continue to do research on cancer stem cells and hopefully help to find an effective and targeted therapy for cancer. Anjali is planning on pursuing a concentration in Human Developmental and Regenerative Biology at Harvard next fall.

Soumya Gogia is a senior. Her plans include majoring in Biomedical Engineering as well as Vocal Performance and becoming an ophthalmologist. Her favorite subjects in school are Calculus, Biology, Chemistry, and English. She is a member of several school clubs, such as Number Sense, Calculator, and Science UIL, Music Club, Mu Alpha Theta, Student Council, National Honor Society, and Running Club. Of all her activities, though, Soumya’s biggest passion is singing, and she enjoys performing in opera competitions.

Other hobbies, include playing piano, running, baking, volunteering at a refugee home, watching Kung Fu Panda, and feeding neighborhood cats.

William Koh is a sophomore. He is from South Korea and has an accent. He likes to play tennis, sit in front of the class, and mess around with his friends. He wants to attend Stanford University and major in Computer Science or Electrical Engineering. Although he can be quite timid at first, William is very active and very loud and provides laughter to those around him.

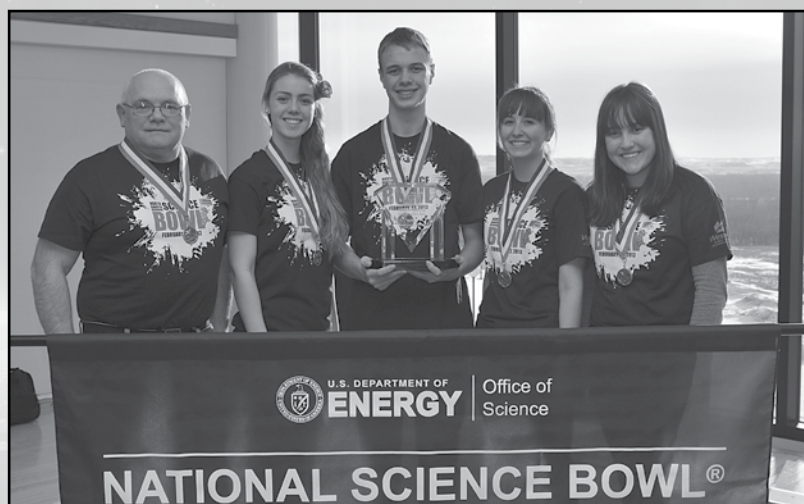
Mashad Arora is a sophomore fascinated by the field of biochemistry. He recently qualified for Intel ISEF after doing a project investigating methods of copper removal from proteins. Mashad savors the challenge of participating in a multitude of math, science, spelling, and piano competitions, and he is looking forward to taking the AIME. Mashad has a true passion for learning new words and how to spell them, and he attended the National Spelling Bee twice. He enjoys traveling and participating in Masterminds, a local quiz show.

Shanley High School

Fargo, North Dakota

North Dakota Science Bowl, Western Area Power Administration

Left to right: Coach Tim Cruff, Julia Jordan, Colton Keller, Ashley Holland, Eliana Goehring



Coach Timothy Cruff teaches Anatomy & Physiology, Physical Science, and Ecology. Mr. Cruff is an amateur radio operator (K0CRF) and also serves as the advisor to the school's amateur radio club. Mr. Cruff has degrees in Biology, Health Education, and Psychology from Valley City State University, and a M.S. in Science Education from North Dakota State University. Mr. Cruff formerly served as a Staff Sergeant in the United States Marine Corps, and is a licensed law enforcement officer who still works as a deputy sheriff in North Dakota.

Colton Keller is a senior. He is very interested in reading, running, and everything outdoors. He is an active member of his Boy Scout troop and is currently working on his Eagle Scout Rank. Keller enjoys spending time on the McDonald's High School Challenge team at Shanley, competing on regional television against other high school students in a trivia game, as well as his time in both chess and Spanish Club. At this point, Keller is unsure of where he will be heading

to college as he is still waiting to hear from the colleges he applied to. He plans on going into some degree in the math or science field but is unsure of what degree that might be. His favorite thing to tell other people about himself is that his grandpa and great uncle invented the bobcat.

Junior Ashley Holland has participated in speech, debate, and student congress for five years and enjoys speaking passionately about many subjects. She also participates in Key Club, PaY, and is now part of the National Honor Society in her chapter. Her favorite subjects in school include science, geography, Latin, and English. She hopes to continue her love for science well past college for a future career, but is still undecided. Ashley enjoys being with her friends and likes the opportunities that she has to be able to enjoy her love of science outside of school.

Eliana Goehring is a sophomore at Shanley High School in Fargo, North Dakota. In school, she is active in student congress, debate, and speech.

Eliana also plays flute in the pit band for her school musical. Eliana enjoys reading and listening to music in her spare time. Her favorite subjects in school are math and science. Although still undecided, Eliana aspires to pursue a future career centered around math and science.

Julia Jordan is a junior at Shanley High School. Her favorite subjects are math, science, and choir. She is undecided about both her college and career plans. Miss Jordan is a second year member of the Shanley High School Science Bowl Team who placed second last year. She is currently playing soccer and running track, but in the past has participated in cross country, swimming, golf, and basketball. Miss Jordan is also a member of the Shanley High School National Honor Society Chapter. She enjoys spending time with her friends and family, arts and crafts, being outside, and discovering how things work.

Southside High School

Fort Smith, Arkansas

Arkansas Regional Science Bowl, University of Arkansas-Fort Smith



Left to right: Landon Hunter, Rachel Davis, Dylan Wright, Coach Josh Adams, Samantha Sexton, Thy Dai

Coach Josh Adams received three degrees from The University of Arkansas, Fayetteville: A B.S. in Physics, M.A.T. in Secondary Education, and a M.A. in Secondary Mathematics. Needless to say, he is done with taking classes, but will be more than happy to teach them. He first fell in love with Astronomy at a very early age and it drove him to where he is now. This is the 7th time that Coach Adams has coached a team at the National Science Bowl. He enjoys geocaching and hiking, and he feels that General Relativity, Hubble's Law, and Kevlar are pretty important.

When Thy Dai, a senior, was five, she experimented with technology, especially the program Adobe Photoshop 7.0. She learned HTML at the age of ten when she admired websites that showcased beautiful graphics and strived to create her own, introducing her into a world of PHP, MySQL, Java, and JavaScript. Thy plays the piano (13 years) and the violin (6 years) as a hobby. Thy will pursue a double major in Computer Science and Computer Anthropology at the University of

Arkansas, Fayetteville and dreams of working for the National Security Agency to help protect America in the best way she can: virtually.

Rachel Davis, a senior, plans to attend Oklahoma State University where she will study Chemical Engineering. She has been named a W. W. Allen Scholar, a Siemens Award winner and a National Merit Semifinalist. She is involved with the Rebel Band and has played the French Horn for the past 6 years. She also tutors younger students in her community. Her hobbies include reading, painting, eating bacon, and saving the world. Her interests include meteorology, music, Star Wars, food, medicine, and Bruce Wayne.

Landon Hunter, a senior, plans to attend Oklahoma State University and major in Mechanical and Aerospace Engineering. Landon is an Eagle Scout and a National Merit Finalist. He played soccer for twelve years at both the school and club levels, and he has played trombone for six years in marching and concert bands. His hobbies include Star Wars, bacon, camping, bacon, Legos,

bacon, and secretly defending Gotham from injustice in his spare time. Because he's the hero Gotham deserves, but not the one it needs right now.

Sami Sexton, a senior and National Merit Finalist, plays the French horn in the school band and serves on the Arkansas Conference Council on Youth Ministries. She also pole vaults for the school track and field team and wants to one day compete in the Dutch sport of Fierljeppen. In her free time, she enjoys reading, writing, running, and watching British television shows on Netflix.

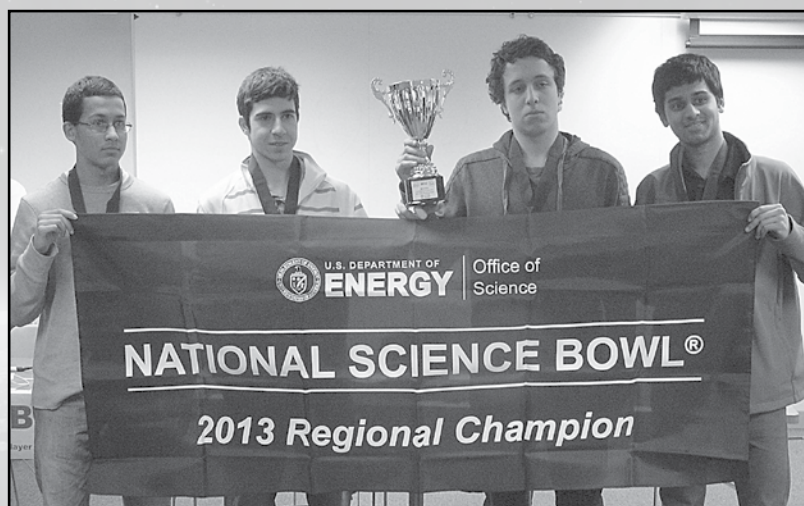
Dylan Wright, a junior hopes to attend Duke University and major in chemistry and neuroscience. He would then like to go on to medical school and become a neurologist. He plays the euphonium in the band and is a member of student council. His favorite things are history, politics, chemistry, physics, Green Day, Harry Potter, and trivia games.

St. Paul Central High School

Saint Paul, Minnesota

Minnesota High School Science Bowl, Minnesota Academy of Science

Left to right: Rajendra Beekie, Brian Petkov, Samuel Khodursky, Nandan Raghavan



Coach Alec Nicol is a biochemistry, chemistry and physiology triple major at the University of Minnesota. This is his first year coaching and he is very excited to be taking part in the National Science Bowl competition. Alec loves to travel and has spent the past two summers researching in Japan and China. After graduating in Fall 2013, Alec will research at the Institute of Bioengineering and Nanotechnology in Singapore for a semester and hopefully extend his stay for a year through the US Fulbright Program. While in Singapore, Alec hopes to travel to Southeast Asia and explore his love for durian. After a year abroad, Alec would like to return to the USA to complete a MD/PhD in nanomedicine and work as a clinical researcher.

Senior Brian Petkov is registered as a student at Central High School, but he takes all of his classes at the University of Minnesota, through the PSEO program. Brian also plays three varsity sports, and is captain of the football and track team. Brian

will attend Purdue University, where he plans to major in biomedical engineering, and hopefully play football. Brian's hero is Christian Ponder, who played football, while graduating with honors in three years. Brian's parents did not have the opportunity to complete a college degree, so he wants to make as much as possible of the opportunities that he has.

Through an enormous amount of perseverance Senior Samuel Khodursky was able to overcome his deficiencies and become a four year letter winner and two time MVP of the Central Boys Basketball team. Although he stands 5'11", Sam helped lead the team to an appearance in the State Tournament. In his spare time, Sam leads many youth activities at his synagogue. He will be attending Caltech next year, where he will double major in math and physics. He hopes he can have fun at Caltech and fit in well with the student body.

Senior Rajendra Beekie Jr was a vegan for the first six years of his life,

but that is no longer the case. Raj likes math and is the captain of his school's math team. He would like to thank fellow student Linnea Peterson for encouraging him to do math team, because it has been one of the best experiences of his high school career. In his spare time, Raj enjoys computer programming, and he is creating his own game. In the fall, Raj will be going to the Harvey Mudd College, where he hopes to study math and computer science.

Senior Nandan Raghavan was born in India and came to the United States when he was ten years old. Nandan is a two-time All State Orchestra selection, where he played the cello. In his spare time, Nandan enjoys composing electronic music. While Nandan had originally planned to go to college right after high school, he had a very rough junior year, and will take a gap year. He is thinking about a career in culinary arts, because cooking is something that he loves.

STEP South Side High School

Rockville Centre, New York

STEP Regional Science Bowl, Farmingdale State College



Left to right: Justine Hamilton, Brittanie Joseph, Ryan McKingsley Williams, Nassir Jones, Lauren Rodriguez

After 30 years of work experience in health care administration, Coach Hazel Gibbons pursued her teaching career. As a full time substitute teacher, Ms. Gibbons embraces each day as an interactive learning opportunity for both herself and the students. Ms. Gibbons graduated with a dual major in health sciences and education. Following her studies at Stony Brook University, she earned a Master in Professional Studies from Long Island University. She possesses two teaching certifications: one in Health Education and the other in Special Education. Ms. Gibbons provides instructions to elementary school students at an after-school program.

Senior Ryan McKingsley Williams' favorite subjects are science, math, and art. He runs the tutor corps at South Side that helps students who need assistance in various subjects. He has participated in various science competitions such as the Long Island Congress and the DuPont Challenge. McKingsley's future goal is to attend college to study engineering,

specifically chemical engineering or material engineering. He wants to work on creating new materials and building new technology that can improve our lives and help others.

Nassir Jones is in the eleventh grade. His interests are friends, enjoying his leisure time, and medicine. He is a member of the Engineering Club. Nassir's favorite subjects are math, and science. He wants to become an anesthesiologist.

Brittanie Joseph is a junior whose interests are medicine and psychology. Brittanie likes to play volleyball and tennis. Brittanie includes herself in many school spirit activities such as homecoming and the high school's Red & Blue Team sports competition. Her favorite subjects are math and chemistry. Brittanie's plans to major in mathematics and eventually attend medical school. Brittanie considers her most interesting aspect about herself is that she is ambidextrous when playing volleyball.

Lauren Rodriguez is a senior interested in molecular biology. Her

interest in engineering is equally strong. This was reaffirmed after she worked in a chemical engineering lab during the summer. It was after that experience that she knew that chemical engineering was the field she wanted to study in college. She plans to earn her Ph.D. and run a lab at a university. Lauren's other interest is music. Lauren plays the baritone saxophone. In her free time, she recreationally snowboards and participates in her high school's quiz bowl.

Justine Hamilton is a senior. Her hobbies include playing soccer and taking dance classes. She also loves to paint and draw. She is involved in the Art Club, Newspaper Club, French Club, and community service clubs. Her favorite subjects in school are Biology and Art. In the fall, she plans to attend Princeton University. She is interested in biology because she believes that it can be applied to preserving the environment, improving lives, and understanding the world, which are aims that she hopes to work toward in the future.

Summit High School Spring Hill, Tennessee Tennessee Science Bowl, ORISE

Left to right: Coach Ryan Lowry, Anthony Kupecz, Josh Allen, Lauren Flader, Camden McNeely



Coach Ryan Lowry is a graduate of Cedarville University in Cedarville, Ohio where he studied secondary chemistry and physics education. Before teaching he worked in the Analytical Research and Development Labs of the Perrigo Company. Now in his fifth year of teaching, Ryan Lowry is a chemistry teacher and the Science Department Chair. Along with coaching the science bowl team, he also coaches the school's cross country teams. For the past three years Ryan enjoys playing as much sand volleyball and racquetball as possible, running half-marathons, singing in his church's choir, and spending time with his wife, Emily and his daughter.

Cass Roberts is a junior. Along with studying science and mathematics, he enjoys all things music and theatre. Cass says his favorite subjects in school are chemistry and math, specifically trigonometry. After high school, Cass hopes to attend a good school where he can study a wide range of subjects from physics and calculus to classic literature. Cass loves the city and is

excited to be here in Washington for the National Science Bowl!

Josh Allen is a junior, and is the oldest of eight children. His hobbies, other than science, are acting in plays, playing Frisbee, enjoying time with friends, and learning new things, especially from YouTube channels such as Vsauce and SciShow. He is an official member of the International Thespian League. His favorite author is John Green, but his favorite book is *The Thirteen and a Half Lives of Captain Bluebear* by Walter Moers. He plans to go to college for science, or engineering.

Lauren Flader is a junior who enjoys hanging out with friends, cooking, and drawing in her free time. She is a part of student council, the bowling team, and the theatre program. Her favorite subjects include chemistry and physics. She plans to attend college and study physics in the future.

Anthony Kupecz is a sophomore interested in astronomy, physics, demonology, mathematics, and Latin.

One of his favorite hobbies includes staring into the night sky with his Dobsonian telescope. Some of his favorite objects to look at are the Orion Nebula, Pleiades, Saturn, and Albireo. Anthony also enjoys computer programming, longboarding, and doing math problems. Other activities Anthony is involved with include Latin Club, Chess Club, Spanish Club, Youth in Government, volunteering, tennis, violin, and playing tenors for the school marching band. He plans to attend MIT to major in physics or biology.

Camden McNeely is a sophomore. Camden is the chapter president of TSA, a captain on the cross country team, and a member of the track and field team. He plans to major in aerospace engineering and then go into business for himself. Some hobbies include running, reading, video games, hanging out with friends, and camping. Completing a marathon, breaking a 5 minute mile, and scoring a 30 on the ACT are some of his accomplishments.

Syracuse Academy of Science Charter School

Syracuse, New York
NOBCCHE Eastern Regional Science Bowl



Left to right: Tommi Royster, Coach Ahmet Cakar, John Sheaffer, Magdhi Hil, Philip Howell, Robin Zahran, Davis Yahkeef

Coach Ahmet Cakar is the Curriculum and AP Coordinator of Syracuse Academy of Science Charter School. He had been the coach of Putnam Science Academy Science Olympiad team who had won Connecticut Science Olympiad 4 years in a row in 2005-2009. Ahmet is married to Zuleyha who is a math teacher and has a 3-year-old daughter, Zulal. His favorite sports are soccer and swimming. Besides English he speaks Turkish and German.

Robin Zahran is a senior born in Jerusalem. Robin Zahran likes to do many things such as work in his family's convenience store and help out his father. Robin likes to learn many languages and travel. He has been to Japan, China, Turkey, Palestine, and Egypt. He plans to enter a pre-medical program and he wants to become a surgeon. Robin has his driver's licence and has been driving for one year and a half and he loves to work hard and help others.

John Sheaffer is in the twelfth grade. John's favorite activities are

basketball, swimming, and video games. John is most interested in mathematics and economics. He plans to become an Orthopedic Spine Surgeon. An interesting fact about John is that he is very politically involved for someone his age and is willing and ready to debate anyone on anything especially economics, politics, and religion.

Yahkeef Davis is an eleventh grader who currently attends Syracuse Academy of Science. Yahkeef is interested in astronomy, biology, archaeology, music and martial arts. His hobbies include weight-training, singing, playing piano, playing video games, and reading. Yahkeef is currently on the Science Bowl team, in the SAS band, in the weight club, and on the Robotics team. Yahkeef plans to be an archaeologist and attend George Washington University. Overall, Yahkeef is a well-rounded person, who always tries to help when he can.

Magdhi Hill is an eleventh grade student at Syracuse Academy of Science in Syracuse, New York. He

is interested in computer science, engineering, music, and programming. His favorite things to do are track and field, soccer, math team, karate, and fitness club. Magdhi's favorite subjects are math and physics. He plans to major in computer science and minor in business.

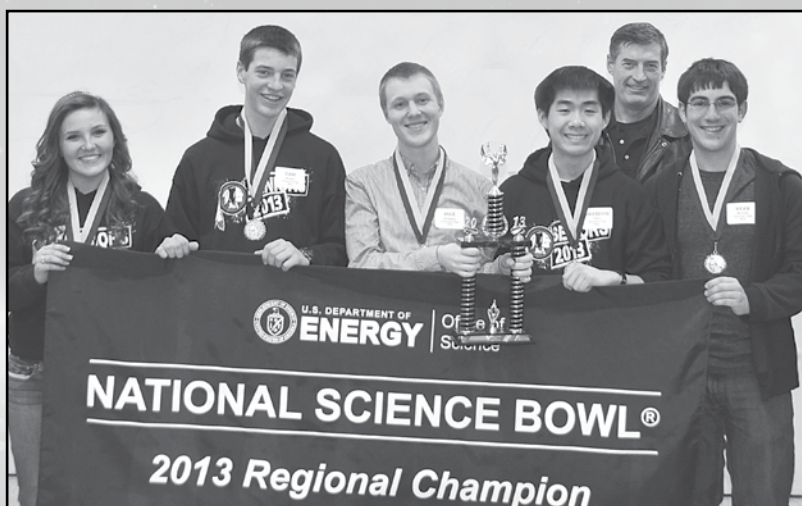
Phillip Howell is currently a junior attending Syracuse Academy of Science. Since arriving at SAS, Phillip has been actively involved in everything from the SAS Atom Band to the SAS lifting club as well as the SAS medical career club, the SAS track & field team and the SAS drama club. He says he loves biology and music more than any other subject. He is also involved outside of school as a Veterans Hospital volunteer. In the future he hopes to become a famous world-renowned surgeon as well as a famous pianist. His role models include Ben Carson, Ray Charles and Stevie Wonder. After high school Phillip plans to go to West Virginia University or Upstate Medical University.

Tehachapi High School

Tehachapi, California

Kern County Regional Science Bowl, California State University, Bakersfield

Left to right: CheyAnne Anderson, Sam Gillam, Max Greason, Brandon Chao, Coach Dan Gillam, Ryan Bilotta



Senior CheyAnne Anderson is involved in many clubs such as Interact Club, Art Club, Class of 2013, and Meteorology Club. She is also a Commissioner of Spirit and Rallies in her student government class which puts on the many fun activities and assemblies at her school. If she is not doing school work or Science Bowl you can find her doing volunteer work through Interact Club and loving every minute of it. She plans on attending Cal State Monterey Bay to earn her bachelors in special education and her teaching credential. Her favorite hobby is riding her crazy quarter horse.

Max Greason is a high-school senior, interested greatly in physics, space science and engineering. He has been involved in the Tehachapi High School Science Bowl team for three years, and has been a dedicated member of FIRST Robotics Competition Team 585 for three years as well. As part of Team 585, he has devoted dozens of hours to community outreach and other

attempts to spread interest in science to the rest of Kern County. He hopes to pursue mechanical engineering at Northeastern University or University of Texas at Austin, and hopefully move into the field of spaceflight.

Brandon K. Chao is a senior at Tehachapi High School. He is a Valedictorian, a participant of Boys State, and the President of Mathletes. He is also a member Debate, Key Club, Snowboarding Club, Cross Country, and Interact. Outside of school, Brandon is a 2nd-degree black belt in Tae Kwon Do and partakes in gymnastics and dance. His favorite subject is biology, which he plans to pursue as a major at UCLA in the hopes to become a physician.

Senior Ryan Bilotta has been a member of his school's Science Bowl team for the last three years. He is in the top of his class at Tehachapi High School and excels in physics and mathematics. In addition to Science Bowl, Ryan is a member of the school Mathletes team, Interact Club, Key Club, California Scholarship

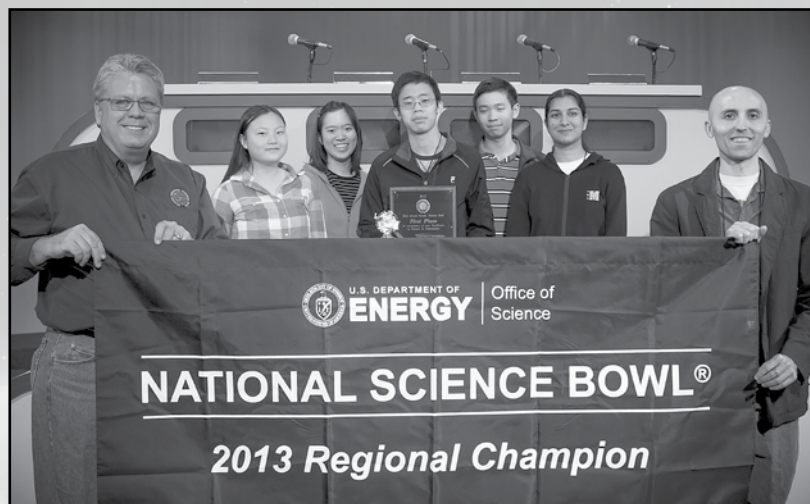
Federation, and the National Honors Society. Ryan also enjoys playing on the varsity tennis team, playing his tenor saxophone in the local jazz band, and being an Eagle Scout in his boy scout troop. Ryan plans on studying mathematics and physics in college next year.

Senior Sam Gillam is the Captain of the Tehachapi Science Bowl Team. He has a 4.0+ GPA and is active in Yearbook, Snowboarding Club, and is on the Varsity Tennis and Cross Country teams. You can email him at RoadKillSam if you know of a recently dead medium sized animal that he can use in his hobby of making leather clothes and moccasins. Sam will begin studying Pre-Med at BYU this Summer prior to serving a voluntary two year full time mission for the Church of Jesus Christ of Latter Day Saints.

The Meadows School

Las Vegas, Nevada

Nevada Regional Science Bowl, NNSA/Nevada Site Office



Team Members:

Sunny Zhou, Audrey Chang, Michael Chen, Daniel Chen, Divya Ramakrishnan, Coach David Santo Pietro

Coach David Santo Pietro teaches physics. He received his Masters degree from the University of California, Davis where he studied quantum field theory and particle physics. He has taught at The Meadows for 6 years. David likes to play video games with his wife and sons. He also likes to travel with his family. For the last year David has been obsessed with new teaching strategies (student self-pacing, modeling, peer instruction, flipping, mastery learning) and how to effectively implement them in his classroom.

Michael Chen is a senior and his hobbies include reading, chess, and tennis. He has participated in Science Bowl since ninth grade. He also competes in various local and national math competitions such as Math League, AMCs, and the Southern Nevada Secondary Math Contest. Michael is a National Merit Finalist and valedictorian of The Meadows School's graduating class of 2013. Michael likes video games as well as academics, and is pretty good at Super Smash Bros. Brawl.

Audrey Chang is a sophomore who

enjoys playing the piano for her own enjoyment as well as for the musicals which her school's theatre program puts on. In school, she participates in Varsity Quiz and Science Bowl. She is also the president of the Bio Club. Her favorite subjects in school are Biology and Music Theory. When not studying or doing other school related things, Audrey enjoys watching Broadway musicals (especially Phantom of the Opera and Les Miserables), reading British literature, drawing, writing fiction, and making origami. She also enjoys watching her pet tarantula.

Daniel Chen is a sophomore and enjoys playing tennis, doing olympiad math, and using the Art of Problem Solving website, and participates in the Mathematical Association of America's series of competitions. His favorite subjects are synthetic geometry, inequalities, and number theory. He plans to study applied math, but is uncertain when it comes to which college to attend. He has qualified for the AIME since 8th grade and reached the 2012 USAJMO.

Unlike most seniors, Sunny Zhou describes herself as diurnal. Because it's always Sunny where she is, "diurnal" means that she does not sleep. This makes her spacey - not that she wasn't already. When she isn't making bad puns, Sunny attempts to find the game, plans her next NaNoWriMo novel, devalues paper with her art, and seeks to discover the answers to everything. She thinks art history, romanesco broccoli, and bowties are cool; and she dislikes standardized testing, standardized testing, and standardized testing. She is a professional procrastinator, meaning (note: finish bio later)

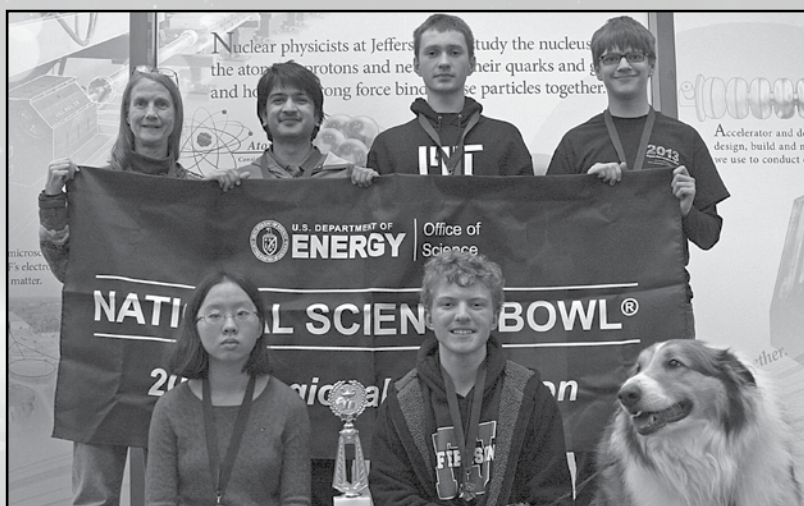
Divya Ramakrishnan is a junior and participates in Nevada Junior Classical League conventions. She loves translating Latin and is a grammar nerd and avid fan of anything and everything classical. She is the setter on the varsity volleyball team and also plays the clarinet in the symphonic band. She is the vice-president of NHS. Her favorite classes include Physics, Calculus, and English. This is her second time attending National Science Bowl.

Thomas Jefferson High School for Science and Technology

Alexandria, Virginia

Virginia Regional Science Bowl, Jefferson Lab

Left to right: (front) Janice Ong, Ross Dempsey, Virginia Science Bowl Puppy Beau Tyler; (back) Coach Mary Ann Donohue, Kalki Seksaria, Owen Gray, Alec Brenner



Senior Kalki Seksaria enjoys reading about science and his favorite subjects include computer science, chemistry, physics, and math. He has attended the USA Computing Olympiad (USACO) Training Camp and the U.S. National Chemistry Olympiad Study Camp. He enjoys doing research and is also a Siemens Semifinalist. He also enjoys tutoring students, especially in math. In addition, he writes problems for the bronze and silver divisions of USACO. He plans to double major in computer science and either chemistry or physics.

Alec Brenner, senior, is interested in geology, astronomy, and ornithology. He has done Intel-acclaimed exoplanet geology research for NASA, and has worked with paleoclimatologists and micropaleontologists at the US Geological Survey and the Smithsonian Institution. A member of the Northern Virginia Mineral Club and the Northern Virginia Teen Bird Club, Alec has self-authored a fossil identification guide and several

award-winning geological research papers. He has participated with TJHSST in Science Bowl since 2010, and in Science Olympiad since 2006. He plans to receive a major and pursue a research career in geosciences and/or planetary sciences.

Junior Owen Gray is interested in biophysics, specifically protein engineering, and the associated disciplines, including quantum physics, physical chemistry, biochemistry, systems biology, computational biology, and organic chemistry, as well as other topics including plasma physics and relativistic physics. He has participated in and received numerous honors in Science Bowl, Science Olympiad, MAA competitions, USABO, USACO, USAPHO, USNCO, Soccer, Tennis, and Ultimate Frisbee. He will be attending MIT next year, and intends to major in biological/chemical engineering and molecular biology with computer science. He would like to someday work on protein engineering at a biotech company.

Freshman Ross Dempsey's favorite

subjects are computer science, physics, and math. He has competed on his middle school's Science Bowl team for the past two years, and is excited to be competing at the high school level now. In his free time, he particularly enjoys studying theoretical computer science; he is currently working on a new programming language called Oculus. He hopes to continue to study math and science and pursue a career in these fields.

Janice Ong is a sophomore. She has been interested in the biomedical sciences and in chemistry since middle school. Janice is a two-time USA Biology Olympiad semifinalist, and ranked 28th in the 2012 University of Toronto Biology Competition. Janice also was selected to take the 2013 US National Chemistry Olympiad Local Exam, and is also involved in Science Olympiad, Chemistry team, and Latin Honor Society. She plans to pursue a career as a medical doctor, or in pathological or pharmaceutical research. She enjoys reading, playing piano, and painting.

Tokay High School

Lodi, California

Central Valley Regional Science Bowl, Modesto City Schools / Modesto Irrigation District



Left to right: Alexa Abdallah, Gagan Bedi, Coach Susan Heberle, Rachael Boyle, Douglas Boyle, Paramveer Birring

Coach Susan Heberle, after teaching for 31 years at Tokay High School, retired in 2010. She has been coaching Science Bowl for the last eight years and has been active in various levels of Science Olympiad for over two decades. Her primary time outside of volunteer coaching has been working to improve safety conditions in school science laboratories, to obtain adequate science supplies and to reduce class sizes. She enjoys spending time with her husband and four adult children as she hopefully awaits the arrival of grandchildren.

Alexa Abdallah is a senior who has competed in Science Bowl for three years. Alexa has been the top player of the tennis team for four years, and is currently playing on the varsity soccer team. She leads Bible Studies for children at her local church. Alexa participates in many clubs, being a California Scholarship Federation Seal Bearer, a stole-bearer of the National Honor Society, and president of Lifeline Christian Club. Alexa organized and captained the Relay For Life team Project Awareness through the American

Cancer Society and provided awareness for those afflicted by ovarian cancer. Her favorite subjects are Biology, Chemistry, and European History. Alexa plans to attend the University of California, Berkeley to pursue a degree in medicine.

Gagandeep Bedi is a senior who is very interested in sports and science. His hobbies include playing basketball, football, watching movies, and hanging out with friends. He has been involved in many activities and clubs such as Students in Prevention, Friday Night Live, National Honors Society, Junior Statesmen of America, and Conflict Management. His favorite subjects in school include Chemistry, Physics, and Calculus. He plans to major in engineering.

Douglas Boyle is a senior and is a well-rounded individual with many interests and hobbies, which include playing sports and the piano and violin. Douglas has played football and track for the past four years, and wrestling for the past two years. Douglas participates in Key Club, National Honors Society, Stockton Youth Symphony, Science

Olympiad, Science Bowl and California Scholar Federation. His favorite subjects in school are math and physics. He plans to major in Electrical Engineering.

Paramveer Birring is a twelfth grader who is very interested in all sciences, particularly physics and chemistry. Paramveer is also a part of many clubs such as National Honors Society, California Scholarship Federation, and Junior Statesmen of America. Paramveer has taken part in many activities and sports including Science Bowl, Science Olympiad, track and field, and football. He plans to major in biomedical engineering.

Rachael Boyle is a sophomore. She enjoys music (piano, violin, and singing), track and tennis. She is involved in Key Club, National Honors Society, California Scholarship Federation, Science Olympiad and Science Bowl. Rachael enjoys reading and writing but her favorite class is European History. She hopes to attend U.C. Berkeley though she does not know what she wants to major in.

Treasure Valley Math and Science Center

Boise, Idaho

Western Idaho Regional Science Bowl, Micron Foundation

Left to right: Coach Tony Baca, Nate Marshall, Eddie Smith, Parth Raina, Karthik Mouli, Hariank Mistry



Coach Tony Baca has been coach of the Treasure Valley Math and Science Center team for seven years. He holds a B.S. and M.S. in electrical engineering and a J.D. in law focusing on intellectual property. Tony has two hobbies, amateur radio and music. Tony holds an extra class amateur radio license and helps maintain area repeaters and with search and rescue. Tony has performed for traveling shows such as the Temptations, a Frank Sinatra impersonator, Circus, and musicals that come through town. He formed a band at work which continues to perform 15 years later. If the pay was the same, he would be a full time musician and not have to hear all the bad lawyer jokes; wait, there are just as many bad musician jokes!

Eddie Smith is a senior. Aside from science-ing, he enjoys amassing copious amounts of seemingly useless knowledge and adding to his stores of near-encyclopedic knowledge of the comic book industry. Eddie tends to hone his mental prowess through a variety of media, though mostly

through games predicated on strategic dominance and reducing opponents to oblivion. Eddie will be attending the University of Pennsylvania and intends to study artificial intelligence.

Nate Marshall is a freshman. Nate is generally happiest while running and biking in the nearby foothills, backpacking in Idaho's wilderness, or skiing wherever snow can be found. Nate loves to create music using a variety of instruments, guitar, viola, and piano to name a few. Along with enjoying the outdoors, Nate's list of activities is topped by painting watercolor landscapes, cheering on Boise State, and researching the interaction between science and religion.

Hariank Mistry is enrolled in the tenth grade. His favorite subjects are physics and computer programming. In addition to Science Bowl, his activities are robotics, computer programming, and playing classical Indian percussion music. His future plans are to get a degree in some sort of engineering, and in physics, and in

computer science, and in math, and maybe even learn horticulture, if he has the time.

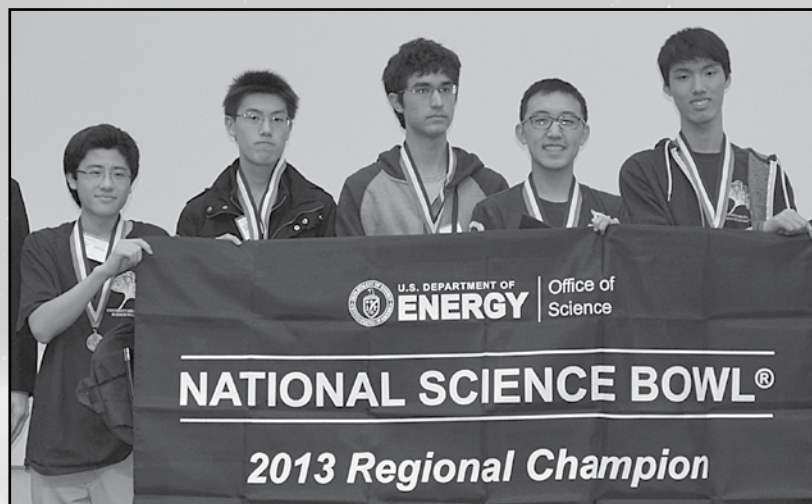
Parth Raina is a junior. His interests and hobbies include tennis, basketball and soccer, and of course SCIENCE BOWL! Parth's favorite subject is Biology because of the creative labs and the learning about DNA and cells. Raina's first choice for college is Washington University in St. Louis for Pre-Med and then go to his dream school, Harvard. Specifically, he wants to be a neurosurgeon or cardiac surgeon.

Karthik Mouli is in the ninth grade. His other interests include geography and ornithology. He is coming back to the National Science Bowl for the second time. Last year, he was part of the TVMSC team that took fourth place in the national finals in the middle school championships. He was the state champion in the National Geographic Bee. Karthik enjoys bird watching and is very passionate about protecting the environment.

University High School

Irvine, California

JPL Los Angeles Regional Science Bowl, Jet Propulsion Laboratory



Left to right: Justin Wang, Kevin Chen, Carl Lundstedt, Kevin Lee, Jiho Park

Coach David Knight has taught at University High School since 1990 and has taught AP Biology for the past 16 years. Currently, Mr. Knight is the Chairman of the Science Department and the coach and advisor for the UHS Science Olympiad, Science Bowl, American Cancer Society and Medical Clubs. For the past eight years he has led groups of AP Biology students to Costa Rica, Belize, Guatemala, Peru and the Galapagos Islands to learn more about the biodiversity of life. In 2003 he was selected as the UHS Teacher of the Year, in 2009 the California State Science Fair Teacher of the Year, and in 2011 the Irvine Unified School District High School Teacher of the Year.

Jiho Park is a junior. He enjoys chemistry and biology, and is an active member in his school Science Bowl team, Science Olympiad team, Mock Trial, Speech and Debate, and Junior Classical League. He currently researches the molecular dynamics of proteins involved in breast cancer at UCSD. His aspirations include

studying at Stanford, getting a Ph.D., and working to develop the latest drugs against cancer and HIV/AIDS. In his free time, Jiho enjoys playing the piano and cooking.

Kevin Lee is a junior whose interests are mainly in applied physics. He is involved in Math Club, Physics Club, and Science Olympiad and he enjoys conducting research for science fair. He hopes to figure out an ansible, and the reason why the Lakers keep losing even though they outspent everyone else by a wide margin. He also likes whales.

Kevin Chen is a senior. Other than Science Bowl, he is also involved in various competitions such as Ocean Science Bowl, Science Olympiad, AMC...etc. Beside his academic pursuits, Kevin plays the French Horn in the school's Wind Ensemble. In terms of hobbies, like any other fellow science-lovers, Kevin enjoys solving the Rubik's Cube and engages in intellectual battles on the field of

ProtoBowl.

Carl Lundstedt's hobbies include playing piano, playing cello, and playing video games. He is part of the Puzzle Club at University High School. His favorite subjects in school are math and science. He hasn't decided on his plans for his career yet.

Justin Wang is a senior at University High School. His activities and clubs include Science Olympiad, Ocean Science Bowl, UHS MedClub, USA Biology Olympiad, and of course Science Bowl. His favorite subjects in school include biology, physics, and chemistry. Other subject favorites are earth science and physical geology. Future plans for college and career are currently not set in stone. However, most likely, Justin plans to major in either business or biochemistry, or both. He also might minor in oceanography. His hobbies and interests include sleeping and watching TV (Friends, Everybody Loves Raymond, Seinfeld, and Big Bang Theory).

University Preparatory High School Redding, California Redding Regional Science Bowl, Redding Electric Utility

Team members: Coach
Brian Murphy, Tyler
Baczynski, Kathryn
McCallum, Colleen Murphy,
Nathan Hernandez, Bond
Isheim



Coach Brian Murphy has been in the classroom since 1988, with some time off for good behavior. He spent four years in environmental research in 2001-2005. He has taught fifth grade through AP physics. Currently he teaches honors chemistry and conceptual physics. He is the co-leader of the Science Bowl team and the math and science club. He studied geology and business in college. He is a "Bulldog," a Fresno State graduate.

Senior Colleen Murphy has been involved in Science Bowl all four years of high school. She has also been a minion of the Math and Science Club and the Creative Writing Club, the benevolent dictator of stage crew for the school musical, and a member of the varsity soccer and track teams. Her hobbies include reading, writing, painting watercolors and convincing certain teammates to bake cookies. In college, she plans on double majoring in Classics and Physics. Colleen adamantly believes that everyone everywhere needs to read *The Name of the Wind* by Patrick Rothfuss.

Senior Nathan Hernandez is a bland individual who enjoys meekly participating in activities such as Tennis and Cross Country. His humble personality can be verified by anyone who is also part of the Math and Science Club and especially the Science Bowl team. Moderately surprisingly, Nathan has been accepted to MIT and hopes to attend next year and major in Chemical Engineering.

Kathryn McCallum, senior, describes herself as one of those people who is interested in everything. With six years of science, five of math, a smattering of arts and languages, and extensive involvement in the drama program, McCallum has certainly kept busy through her four years of high school. Eccentric as her friends claim her to be, McCallum plans to major in medicine in university and minor in economics.

Tyler Baczynski (alias Chicago Todd) is a senior at University Preparatory School. He acts as the Web Administrator for the school newspaper and hopes to attend UC

Berkeley in the fall. In his spare time, he enjoys producing music and writing fiction.

Senior Bond Isheim enjoys hanging out with his friends in his free time. He has played football and baseball and even wrestled throughout high school. His favorite subjects are Math and Science, more specifically Calculus and Physics. He plans to major in Mechanical Engineering, but has yet to narrow down a college.

Walton High School

Marietta, Georgia

Georgia Science Bowl, Armstrong Atlantic State University



Left to right: Ethan Jen, Sophie Mori, Edward Park, George Fei, Brian Lee, Coach Richmond Blackstone

Coach Richmond Blackstone is a graduate of Duke University (eruditio et religio), B.S. Psychology 1974, and Emory University Law School, J.D. 1977. He left his law practice under mysterious circumstances to become a carpet buyer, and eventually began teaching Biology – at first on a freelance basis, but finally as a contract employee for Cobb County Schools. He is a charter member of the Folio Society and the Bohemian Illuminati, and likes gardening, Scotland, tandoori places and Adventure Time.

Edward Park, junior and the captain of this most qualified and illustrious team, wants to be the very best, like no one ever was. To know all the science is his real quest, but training the team is what he does. He will travel to Washington D.C., buzzing with all his pride. He answers each question that will ever be, so that none remain untried. Edward is valedictorian of his class and enjoys playing ping-pong in his free time. He resides with his Charmander in Amity Square.

Senior George Fei, along with his panda, who has assimilated into human society, enjoys the occasional midnight snack. His pet panda Hammy, who knows all about the workings of the natural world, is a crucial member of the team. Together, they adventure through piles of health homework each night with oodles of ramen, which they believe to be the next big thing in renewable energy.

Junior Sophie Mori spends much of her time wordcrossing – so much time, in fact, that she has infected numerous team members with the syndrome. When she is not crosswording, she prefers popping soap bubbles and planting Lego pieces around the house for innocents to step on. Although she cannot pronounce certain words correctly in English, she speaks almost every other language, often with more useless knowledge about them than the natives have.

Brian Lee, junior, enjoys making origami flowers for his many girlfriends; however, he remains most loyal to his mom. Brian spends

the majority of his time watching Food Network in hopes of someday opening his own restaurant in central Madagascar, where he believes there is a market niche for Korean steak barbecue. In the meantime, he will continue to annoy his neighbors by throwing his Frisbees into their perfectly manicured flowerbeds.

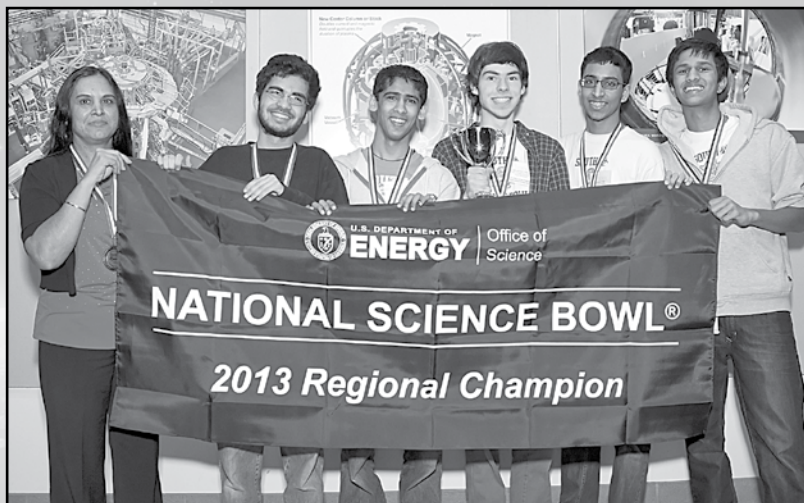
Junior Ethan “E the Real” Jen is a part-time rapper, breakdancer, and beatboxer. He was recruited onto the Walton Science Bowl team to provide an upbeat atmosphere. Ninety percent of his daily fluid consumption comes from hair gel. Despite all his great hair, he can’t seem to prop up against competition, even in the face of hairy situations. E has told his fans that his favorite line in his new single is “no pun intended.”

West Windsor-Plainsboro High School South

Princeton Junction, New Jersey

New Jersey Regional Science Bowl, Princeton Plasma Physics Laboratory

Left to right: Coach Sunila Sharma, Arnav Sood, Chaitanya Aswa, Alexander Clifton, Rishabh Singh, Pranay Nadella



Coach Sunila Sharma enjoys sharing her passion of the sciences with her talented students. When not designing experiments for her students and coaching Bowl, Sunila enjoys traveling and experiencing traditions and food of different cultures from around the world. Her favorite places are New Zealand and France where she spent significant time as a research scientist. She looks forward to taking her team to the National Competition and meeting the extraordinary teams from other schools.

Arnav Sood is perhaps South Bowl's most eclectic Junior. He started Bowl in 8th Grade and played for South all three years, in which time he developed intense interests in chess, Physics, and assorted oddities. Apart from Bowl, Arnav is an avid Model UNer with a passion for French music. After graduating, Arnav aspires to study either Physics, Philosophy, or the Law.

Junior Pranay Nadella is extremely excited to attend the National Science Bowl competition for the first time.

(and to miss school for 3 days) He is interested in Biology and Chemistry and hopes to pursue one of these fields in college. He likes to sing during AP Biology labs and believes that this helps his lab group focus (his group disagrees). Pranay plays the violin in his school orchestra and competes for his high school tennis team. However, science still remains his greatest passion.

Junior Chaitanya Asawa has an odd proclivity for cheese. He is interested in biology, physics, and math and does a variety of physics and earth science events for Science Olympiad. He participates in math competitions like PUMaC and HMMT every year and has qualified for USAJMO. Known more affectionately as Chai, this dynamic boss knows the lyrics to every song. He hopes to study astrophysics and to go to lots of parties.

Everyone knows who senior Rishabh Singh is. That's because he's possibly the most interesting man in the world. He is mad pumped to be

back at Nationals after placing 7th in middle school. He always finds himself surrounded by an adoring group of admirers. Rishabh gets his head in the game before each match and believes his team will succeed since they're all in this together. Putting the "stud" in "study", Rishabh believes in breaking free and not sticking to the status quo. Next year, he is headed to Ithaca to study engineering at Cornell and to rule like Odysseus.

Senior captain Alexander Clifton is excited to finally be back at nationals after placing second at Regionals twice. His primary passion is math and after taking courses at Princeton, he plans to be an algebraist. As president of Math Club, math competitions have controlled his life. His favorite sciences are biology and chemistry. He is a USABO semifinalist and has earned USNCO Honors. A former MOPper, he hopes to become a math professor and a US Senator. He really likes Randy Raymond music and tofu.

Woodrow Wilson High School

Washington, DC

Washington, DC High School Regional Science Bowl



Left to right: Coach Gloria Gibson, Nicolas Colaizzi, Ari Taske, Sean Kelly, Jenna Wade, Charlotte Hovland

Coach Gloria Gibson, a three-decade teaching veteran, teaches general biology and honors biology. She is the coordinator for the annual school STEM fair, advisor for SCIMATECH academy (STEM-centered academy for students interested in science/math-based careers). Her hobbies include solving puzzles, singing, and reading medical science related material. She matriculated at and obtained her B.S. (botany/biology) and M.S. (curriculum) from Howard University.

Charlotte Hovland is a junior. This is her first year participating in Science Bowl, but she has previously competed in ocean Science Bowl, quiz bowl, and It's Academic. She is also a member of her school's Gay/Straight Alliance, and a founding captain of its Intramural Quidditch Club (Ravenclaw all the way!) She is an alumnus of JHU's Center for Talented Youth, one of a pair of dizygotic twins, and a nerdfighter.

Jenna Wade, senior, is returning for her second time at nationals. Her

favorite subjects are biology and math. In her spare time she enjoys horseback riding, reading, and hanging out with friends. During most afternoons she is volunteering at her school's Math Center, tutoring students in math. She is not sure yet where she is going to college next year, but she knows she wants to go to medical school and go into pediatrics.

Ari Taske, senior, is the design leader as well as chief engineer and driver for the school's FIRST robotics team. Ari has also been a member of the school's Science Bowl team for the past three years. He worked at the Department of Energy, where he maintained and repaired loaner laptops, as well as at two daycare centers where he helped guide preschool children. Ari plans to study mechanical engineering and computer science at either the University of Illinois or Rensselaer Polytechnic Institute. He plays a mean guitar and has a weakness for guinea pigs.

Sean Kelly is a senior who will attend Carleton College in Northfield,

Minnesota, where he plans to study Physics or Chemistry with a Pre-Med focus. Sean is a pitcher and first baseman and has been recruited to play baseball for the Carleton Knights. In addition to baseball and Science Bowl, Sean is also active in theater. Sean worked for the National Park Service at the Rock Creek Park Nature Center.

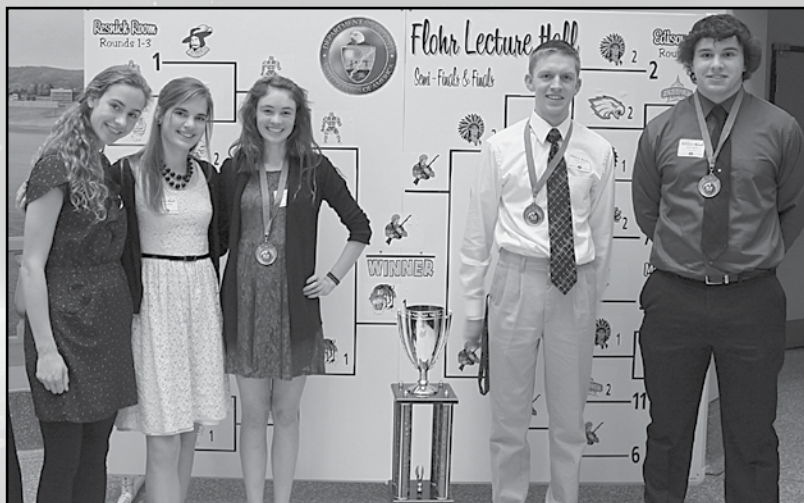
Nicolas (Nico) Colaizzi is a sophomore. He is a member of the Wilson SciMaTech Academy, which emphasizes instruction in science, math and technology. He participates on the Robotics Team, which competes annually in the FIRST Robotics Competition. Nico earned a Distinction in Mathematics from the Johns Hopkins Center for Talented Youth. Nico's hobbies include snow skiing, rock climbing, and playing paintball and video games with his friends. He is a voracious reader, and is a highly imaginative story-teller. He has his sights set on attending MIT, Carnegie Mellon Institute, and other schools of similar ranking.

Zane Trace Local School

Chillicothe, Ohio

South Central Ohio Regional Science Bowl, Portsmouth/Paducah Project Office

Left to right: Jessica Proehl, Emily Joesse, Kasandra Dalton, Tyler Moore, Beau Bilek



Coach Nancy Robertson is the high school art teacher at Zane Trace and has taught there since 1985. She has been the quiz team advisor for 27 years, yearbook advisor for 12 years, and was the past Future Business Leaders of America advisor for 17 years. Ms. Robertson has a BFA in Art Ed. from Ohio University and M.A. Ed. from the University of Rio Grande. Ms. Robertson enjoys photography and traveling. Ms. Robertson and her husband love to scuba dive, take weekend motorcycle trips, and travel to far-off countries. Ms. Robertson will be retiring in Fall 2013, and hopes to be able to continue her love of traveling.

Beau Bilek is a junior. His favorite subjects are chemistry, trigonometry and leadership. He is involved in FFA, science team, and quiz bowl. He plays football, track and field, and also lifts weights in the off-season. He also likes to read. His favorite works include *Nineteen Eighty-Four* by George Orwell and *Black Hawk Down* by Mark Bowden. His plans for college,

although not set in stone, are likely to include radiology classes.

Emily Joesse is a senior. Her future plans include attending a small, private college and pursuing a major in secondary math education. She loves being involved in her church youth group and cross country and track teams. Emily is part of a family of 10 people, two wonderful parents and eight fun siblings. She is the second oldest and has two sisters and five brothers, and she loves to spend time with them. She considers herself very blessed.

Tyler Moore is a senior. Tyler participates in concert band, marching band, quiz bowl, cross country, and track and field. In addition, Tyler serves as vice-president of student council, treasurer of Fellowship of Christian Athletes, and president of National Honor Society. In his spare time, Tyler enjoys playing acoustic and bass guitar, video games, and playing pickup basketball. Next year, Tyler plans to attend college with a major in computer science.

Kasandra Dalton is a junior. She is currently involved in soccer, track, youth group, and cross country. Kasandra is the president of the 4-H Club. She is also in FCA and holds an office in her school's FFA Chapter. Math, chemistry, and food science are her favorite subjects. Kasandra is planning to go college and possibly pursue physical therapy. Her college is still undecided. Other hobbies including playing the piano and dancing.

Jessica Proehl is a senior. Involved in both cross country and track, she loves running, being active, and the outdoors. She fills her free time by reading, writing, and hanging out with her friends and family. She is very involved in her church youth group, FCA, and FFA. Next year she plans to attend either Liberty University or Ohio Northern and major in a biology-related field with a pre-veterinary focus. After her undergraduate degree, she plans to head on to veterinary school to fulfill her dream of becoming a zoo veterinarian.

Regional Science Bowl

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Kennan Goodman

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Modesto City Schools

Coordinator:
Mike Zweifel

CHICAGO REGIONAL SCIENCE BOWLS

Host: University of Illinois-Chicago
Minority STEM Alumni

Coordinators:
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Pedro Valencia

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Host: Department of Chemistry,
University of Connecticut

Coordinators:
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Joy Erickson

CONNECTICUT REGIONAL HIGH SCHOOL SCIENCE BOWL

Host: University of Connecticut School
of Engineering

Coordinators:
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Faustina Smith

Cathy MacGowan

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Host: Riverstone International School

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Coordinators:

Ken Wester

Kevin Farrell

INDIANA STATE REGIONAL SCIENCE BOWLS

Host: Indiana State University

Coordinator:

Henjin Chi

INLAND NORTHWEST REGIONAL SCIENCE BOWLS

Host:

Whitworth University

Coordinator:

Kaye Kamp

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Host: University of Texas at Arlington
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Coordinators:

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Sean Hsu

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PANTEX REGIONAL SCIENCE BOWLS

Host: Pantex Plant

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Host: IEEE UPRM Branch and SHPE-UPRM

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Luis Sevillano Garcia

Jonathan Diaz Sepulveda

Pedro Rodriguez

REDDING REGIONAL SCIENCE BOWL

Host: Redding Electric Utility

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Host: Western Area Power Administration

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SHPE REGION 1 REGIONAL MIDDLE SCHOOL SCIENCE BOWL

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TENNESSEE HIGH SCHOOL SCIENCE BOWL

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Fresh Market - 4475 Kingston Pike
Great Schools Partnership
Holiday Inn Express Hotel & Suites,
Oak Ridge
Krispy Cream Doughnuts
Kroger
Methodist Medical Center of Oak
Ridge
ORNL Federal Credit Union
Oak Ridge Chapter of Sigma Xi
Publix
Staybridge Suites of Knoxville-Oak
Ridge
Teledyne Brown Engineering, Inc.
Trader Joe's
Vienna Coffee Company, LLC
WalMart

Acknowledgments from Regional Competitions

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Host: Texas A&M University College of Science

Coordinator:
Vince Schielack

UTPA REGIONAL SCIENCE BOWLS

Host: The University of Texas-Pan American

Coordinators:
Joel Ruiz
Karen Dorado

VIRGINIA REGIONAL SCIENCE BOWLS

Host: Jefferson Lab

Coordinator:

Jan Tyler

Committee Members:

Steve Gagnon
Christine Wheeler
Telesha Brown
Joyce Miller
Brita Hampton
Lisa Surlles-Law
MeLaina Evans
Stephanie Vermeire
Shannon West
Debbie Magaldi

Sponsor:

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Host: U.S. DOE Office of Economic Diversity

Coordinators:

Chester Scott
Jamie Scipio

WEST VIRGINIA REGIONAL MIDDLE SCHOOL SCIENCE BOWL

Host: Wheeling Park High School Science Department

Coordinators:

Patrick Durkin
John Chacalos

WEST VIRGINIA REGIONAL HIGH SCHOOL SCIENCE BOWL

Host: National Energy Technology Laboratory

Coordinator:

Kirk Gerdes

Committee Members:

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Steve Woodruff
Dan McCollum
Danielle Bergamo
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Terry Summers
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Grant Brohmal
Jenny Bowman
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WVHTC Foundation
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Papa John's Pizza
AFGE Local 1995
Eat 'n Park
Giant Eagle
Krispy Kreme (Washington, PA)
Myer's Catering
Pepsi-Cola Bottling Group
Sam's Club

WESTERN IDAHO REGIONAL SCIENCE BOWL

Host: Micron Foundation

Coordinators:

Kami Faylor
Laurie Anderson

WESTERN KENTUCKY REGIONAL SCIENCE BOWLS

Host: Portsmouth/Paducah Project Office - Paducah

Coordinators:

Donald Dihel
Buz Smith

WESTERN NEW YORK MIDDLE SCHOOL SCIENCE BOWL

Coordinators:

Jeffrey Welton
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WISCONSIN REGIONAL HIGH SCHOOL SCIENCE BOWL

Host: Milwaukee School of Engineering

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WYOMING REGIONAL HIGH SCHOOL SCIENCE BOWL

Host: DTunison LLC

Coordinators:

Anne Theriault
Doug Tunison



Four-time Cheyenne Mountain High School team-member, Sara Volz, concentrates during a toss-up question. In addition to leading her team to three top-two Science Bowl finishes, Sara won the 2013 Intel Science Talent Search by examining the potential for algae to become an economically viable fuels.

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Students at Bushland Middle School in Texas practicing after school for the Pantex Middle School Regional Science Bowl.